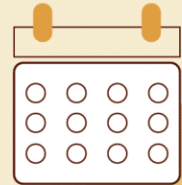


PRODUCTS CITED IN CELL, SCIENCE, AND NATURE





TRANSGEN BIOTECH CO., LTD.

Distributed by
CliniSciences

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|--|---------|------|---|----------|---------------------------|
| Rewiring of the Fruit Metabolome in Tomato Breeding | Cell | 2018 | EasyPure® Quick Gel Extraction Kit | EG101 | Nucleic Acid Purification |
| Cytosine, but not adenine, base editors induce genome-wide off-target mutations in rice | Science | 2019 | EasyPure® PCR Purification Kit | EP101 | Nucleic Acid Purification |
| Convergent selection of a WD40 protein that enhances grain yield in maize and rice | Science | 2022 | | | |
| Profound cellular defects attribute to muscular pathogenesis in rhesus monkey model of Duchenne muscular dystrophy | Cell | 2024 | | | |
| Mapping the Mouse Cell Atlas by Microwell-seq | Cell | 2018 | EasyPure® RNA Kit | ER101 | Nucleic Acid Purification |
| Molecular basis of methyl-salicylate-mediated plant airborne defence | Nature | 2023 | TransZol | ET101 | Nucleic Acid Purification |
| Remodelling autoactive NLRs for broad-spectrum immunity in plants | Nature | 2025 | TransZol Up | ET111 | Nucleic Acid Purification |
| Biofortification of iron content by regulating a NAC transcription factor in maize | Science | 2023 | TransZol Plant | ET121 | Nucleic Acid Purification |
| Targeting FOXM1 condensates reduces breast tumour growth and metastasis | Nature | 2025 | EasyPure® EndoFree Plasmid MaxiPrep Kit | EM122 | Plasmid Isolation |



EasyPure® Quick Gel Extraction Kit (EG101)

- Purification of fragments ranging from 100 bp to 10 kb.
- Fast purification in only 20 minutes.
- Color change indicates pH level is appropriate for DNA binding to column.



EasyPure® PCR Purification Kit (EP101)

- Purification of fragments ranging from 100 bp to 10 kb.
- Fast purification in only 5 minutes.



EasyPure® PCR Purification Kit (ER101)

- Column-based method, efficient RNA extraction, wide application range.



TransZol (ET101)

- Isolate RNA from a variety of species: animal, plant, yeast, bacteria and virus.
- The whole procedure can be completed in one hour.
- Simultaneous isolation of RNA, DNA and protein from the same sample.
- Pink solution for easy visualizing different phases.
- Unique dissolving solution for long-term RNA storage.



TransZol Plant (ET121)

- Superior lysis capability and higher RNA yield.
- The whole procedure can be completed in one hour.
- Pink solution for easy visualizing different phases.
- Unique dissolving solution for long-term RNA storage.

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|--|---------|------|---|----------|---------------|
| RNA editing restricts hyperactive ciliary kinases | Science | 2021 | 2×EasyTaq® PCR SuperMix (+dye) | AS111 | PCR |
| Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency | Cell | 2017 | | | |
| Anti-tumour immunity controlled through mRNA m6A methylation and YTHDF1 in dendritic cells | Nature | 2019 | | | |
| Adaptive radiation and social evolution of the ants | Cell | 2025 | | | |
| Distinct processing of lncRNAs contributes to non-conserved functions in stem cells | Cell | 2020 | 2×TransTaq® High Fidelity (HiFi) PCR SuperMix | AS131 | PCR |
| De novo assembly of nuclear stress bodies rearranges and enhances NFIL3 to restrain acute inflammatory responses | Cell | 2025 | | | |
| A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2 | Science | 2020 | TransStart® Taq DNA Polymerase | AP141 | PCR |
| Mesoscale DNA Feature in Antibody-Coding Sequence Facilitates Somatic Hypermutation | Cell | 2023 | TransStart® FastPfu DNA Polymerase | AP221 | PCR |
| Mitochondrial base editor induces substantial nuclear off-target mutation | Nature | 2022 | | | |
| A volatile from the skin microbiota of flavivirus-infected hosts promotes mosquito attractiveness | Cell | 2022 | | | |
| Structure-guided discovery of bile acid derivatives for treating liver diseases without causing itch | Cell | 2024 | | | |
| RNA codon expansion via programmable pseudouridine editing and decoding | Nature | 2025 | | | |
| Mirror-image T7 transcription of chirally inverted ribosomal and functional RNAs | Science | 2022 | TransStart® FastPfu Fly DNA Polymerase | AP231 | PCR |
| The β-d-manno-heptoses are immune agonists across kingdoms | Science | 2024 | PerfectStart® Taq DNA Polymerase | AP401 | PCR |
| The Arabidopsis blue-light photoreceptor CRY2 is active in darkness to inhibit root growth | Cell | 2024 | High Pure dNTPs | AD101 | PCR |
| The evolution and diversification of oakleaf butterflies | Cell | 2022 | TransDirect® Animal Tissue PCR Kit | AD201 | Direct PCR |
| Resistance to Striga Parasitism through Reduction of Strigolactone Exudation | Cell | 2025 | Trans2K® Plus II DNA Marker | BM121 | DNA Marker |



TransStart® FastPfu Fly DNA Polymerase (AP231)

- Offers 108-fold fidelity as compared to EasyTaq® DNA Polymerase.
- PCR products can be directly cloned into pEASY®-Blunt vectors.
- Amplification of genomic DNA fragment up to 15 kb.
- Amplification of plasmid DNA fragment up to 20 kb.



TransStart® Taq DNA Polymerase (AP401)

- Hot start and high specificity.
- High sensitivity.
- High amplification efficiency.
- Low E. coli genomic DNA residue.

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|---|---------|------|---|----------|---------------|
| A Gg protein regulates alkaline sensitivity in crops | Science | 2023 | <i>TransScript</i> [®] II Reverse Transcriptase | AH101 | RT |
| Modulating plant growth–metabolism coordination for sustainable agriculture | Nature | 2018 | <i>EasyScript</i> [®] One-Step gDNA Removal and cDNA Synthesis SuperMix | AE311 | RT |
| Enhanced sustainable green revolution yield via nitrogen-responsive chromatin modulation in rice | Science | 2020 | | | |
| A Zea genus-specific micropeptide controls kernel dehydration in maize | Cell | 2024 | | | |
| Deciphering phenylalanine-derived salicylic acid biosynthesis in plants | Nature | 2025 | | | |
| Time-resolved reprogramming of single somatic cells into totipotent states during plant | Cell | 2025 | | | |
| Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency | Cell | 2017 | <i>TransScript</i> [®] First-Strand cDNA Synthesis SuperMix | AT301 | RT |
| Long-term functional maintenance of primary human hepatocytes in vitro | Science | 2019 | | | |
| Interfamily co-transfer of sensor and helper NLRs extends immune receptor functionality between angiosperms | Cell | 2025 | | | |
| Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency | Cell | 2017 | <i>TransScript</i> [®] One-Step gDNA Removal and cDNA Synthesis SuperMix | AT311 | RT |
| KLHL22 activates amino-acid-dependent mTORC1 signalling to promote tumorigenesis and ageing | Nature | 2018 | | | |
| SAR1B senses leucine levels to regulate mTORC1 signalling | Nature | 2021 | | | |
| Chemical reprogramming of human somatic cells to pluripotent stem cells | Nature | 2022 | | | |
| Molecular basis of methyl-salicylate-mediated plant airborne defence | Nature | 2023 | | | |
| Transplantation of Chemically Induced Pluripotent Stem-Cell-Derived Islet Under Abdominal Anterior Rectus Sheath in a Type 1 Diabetes Patient | Cell | 2024 | | | |
| Targeted MYC2 stabilization confers citrus Huanglongbing resistance | Science | 2025 | | | |

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|---|---------|------|--|-------|----|
| Remodelling autoactive NLRs for broad-spectrum immunity in plants | Nature | 2025 | <i>TransScript</i> [®] One-Step gDNA Removal and cDNA Synthesis SuperMix | AT311 | RT |
| NRT1.1B acts as an abscisic acid receptor in integrating compound environmental cues for plants | Cell | 2025 | | | |
| Root microbiota regulates tiller number in rice | Cell | 2025 | <i>TransScript</i> [®] II One-Step gDNA Removal and cDNA Synthesis SuperMix | AH311 | RT |
| Z-DNA binding protein 1 promotes heatstroke-induced cell death | Science | 2022 | <i>TransScript</i> [®] All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal) | AT341 | RT |
| Mapping the Mouse Cell Atlas by Microwell-seq | Cell | 2018 | | | |
| WUSCHEL triggers innate antiviral immunity in plant stem cells | Science | 2020 | | | |
| Genomic and genetic insights into Mendel's pea genes | Nature | 2025 | | | |
| A population of stem cells with strong regenerative potential discovered in deer antlers | Science | 2023 | <i>TransScript</i> [®] Uni All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal) | AU341 | RT |
| Bone marrow hematopoiesis drives multiple sclerosis progression | Cell | 2022 | <i>TransScript</i> [®] Uni Cell to cDNA Synthesis SuperMix for qPCR | AC301 | RT |

***TransScript*[®] One-Step gDNA Removal and cDNA Synthesis SuperMix (AT311)**



- Simultaneous genomic DNA removal and cDNA synthesis in one tube to minimize RNA contamination.
- The product obtained from 15 minutes reaction is used for qPCR; the product obtained from 30 minutes reaction is used for PCR.
- After reaction, heat inactivation for RT/RI and gDNA remover simultaneously can avoid damage to RNA caused by heat inactivating DNase I used for pretreatment in traditional protocol.
- Easy to operate.
- cDNA up to 12 kb.

***TransScript*[®] Uni Cell to cDNA Synthesis SuperMix for qPCR (AC301)**



- Uses an unique lysis buffer to lyse cells. The resulting lysate (without purification) can be directly used as template for reverse transcription.
- Simultaneous genomic DNA removal and cDNA synthesis in one tube.
- This kit is suitable to generate qPCR-ready cDNA directly from cells.

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|---|---------|------|---|----------|---------------|
| A Gg protein regulates alkaline sensitivity in crops | Science | 2023 | <i>TransStart</i> [®] Green qPCR SuperMix UDG | AQ111 | qPCR |
| A human embryonic limb cell atlas resolved in space and time | Nature | 2023 | <i>PerfectStart</i> [®] Green qPCR SuperMix | AQ601 | qPCR |
| Root microbiota regulates tiller number in rice | Cell | 2025 | | | |
| NRT1.1B acts as an abscisic acid receptor in integrating compound environmental cues for plants | Cell | 2025 | <i>PerfectStart</i> [®] Green qPCR SuperMix (+Universal Passive Reference Dye) | AQ602 | qPCR |
| Microbial-host-isozyme analyses reveal microbial DPP4 as a potential antidiabetic target | Science | 2023 | | | |
| Genomic and genetic insights into Mendel's pea genes | Nature | 2025 | | | |



PerfectStart[®] Green qPCR SuperMix(AQ601)

- Blocking by 3 antibodies; high specificity, sensitivity and amplification efficiency; applicable to a wide range of species.
- Dual-cation buffer enhances specificity and reduces primer-dimer formation.
- Universal Passive Reference Dye for different instruments to correct differences in fluorescence detection between wells due to pipetting errors.



PerfectStart[®] Green qPCR SuperMix (+Universal Passive Reference Dye)(AQ602)

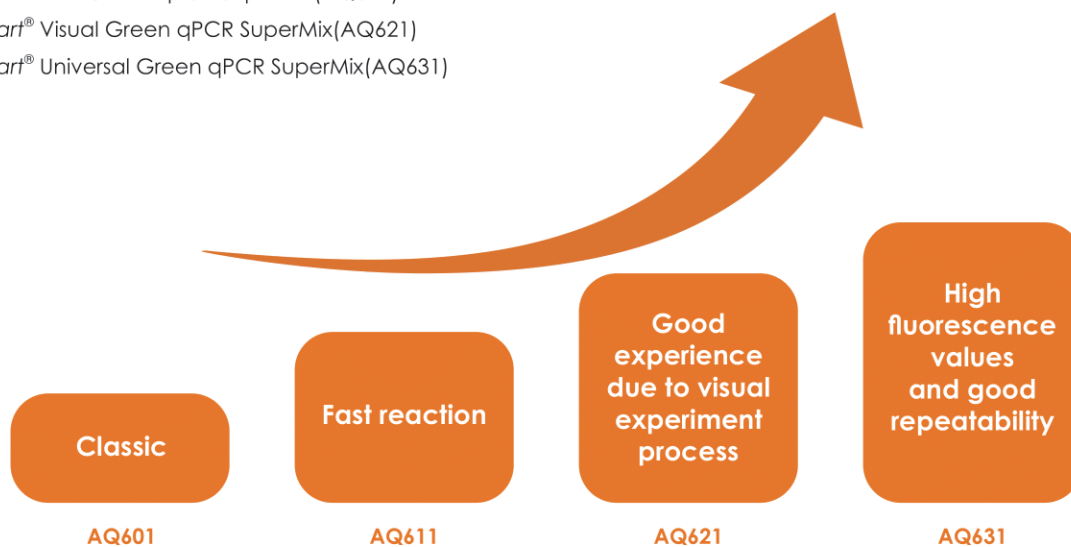
- Premixed universal ROX, compatible with all qPCR models on the market.
- Genomic DNA, plasmid DNA, cDNA and other samples, applicable to a wide range of species.

Related Products

PerfectStart[®] Fast Green qPCR SuperMix(AQ611)

PerfectStart[®] Visual Green qPCR SuperMix(AQ621)

PerfectStart[®] Universal Green qPCR SuperMix(AQ631)



| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|---|---------|------|--|----------|----------------------|
| The evolution and diversification of oakleaf butterflies | Cell | 2022 | pEASY [®] -T1 Cloning Kit | CT101 | pEASY Cloning Vector |
| Recognition of cyclic dinucleotides and folates by human SLC19A1 | Nature | 2022 | | | |
| Whitefly hijacks a plant detoxification gene that neutralizes plant toxins | Cell | 2021 | | | |
| Chemical reprogramming of human somatic cells to pluripotent stem cells | Nature | 2022 | pEASY [®] -T1 Simple Cloning Kit | CT111 | pEASY Cloning Vector |
| Asymmetric Expression of LincGET Biases Cell Fate in Two-Cell Mouse Embryos | Cell | 2018 | pEASY [®] -T3 Cloning Kit | CT301 | pEASY Cloning Vector |
| Convergent selection of a WD40 protein that enhances grain yield in maize and rice | Science | 2022 | pEASY [®] -T5 Zero Cloning Kit | CT501 | pEASY Cloning Vector |
| Convergent selection of a WD40 protein that enhances grain yield in maize and rice | Science | 2022 | | | |
| "Perfect" designer chromosome V and behavior of a ring derivative | Science | 2017 | pEASY [®] -Blunt Cloning Vector | CB101 | pEASY Cloning Vector |
| Inheritance of acquired adaptive cold tolerance in rice through DNA methylation | Cell | 2025 | | | |
| In vitro reconstitution of meiotic DNA double-strand-break formation | Nature | 2025 | pEASY [®] -Blunt Zero Cloning Kit | CB501 | pEASY Cloning Vector |
| SIRT6 deficiency results in developmental retardation in cynomolgus monkeys | Nature | 2018 | pEASY [®] -Blunt Simple Cloning Kit | CB111 | pEASY Cloning Vector |
| Enhancing rice panicle branching and grain yield through tissue-specific brassinosteroid inhibition | Science | 2024 | | | |

pEASY[®]-T5 Zero Cloning Kit (CT501)



- 5 minutes fast ligation of Taq-amplified PCR products.
- High cloning efficiency. Positive clones up to 100%.
- No blue/white selection needed.
- Suitable for short and large fragment cloning.
- Kanamycin and Ampicillin resistance genes for selection.
- M13 forward primer and M13 reverse primer for sequencing.
- T3 promoter and T7 promoter for in vitro transcription.
- Trans1-T1 Phage Resistant Chemically Competent Cell, high transformation efficiency (>10⁹ cfu/μg pUC19 DNA) and fast growing.



pEASY[®]-Blunt Simple Cloning Kit (CB111)

- 5 minutes fast ligation of Pfu-amplified PCR products.
- Kanamycin and Ampicillin resistance genes for selection.
- Easy blue/white selection.
- SR primer and M13 forward primer for sequencing.
- T7 promoter for in vitro transcription.
- Trans1-T1 Phage Resistant Chemically Competent Cell, high transformation efficiency (>10⁹ cfu/μg pUC19 DNA) and fast growing.

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| Literature | Journal | Year | Product Name | Cat. No. | Product Group | | | |
|--|---------|------|---|----------|-------------------------|-----------------------------------|-------|-------------------------|
| Mirror-image T7 transcription of chirally inverted ribosomal and functional RNAs | Science | 2022 | pEASY®-Uni Seamless Cloning and Assembly Kit | CU101 | Cloning kit | | | |
| Resistance to Striga Parasitism through Reduction of Strigolactone Exudation | Cell | 2025 | | | | | | |
| Stigma receptors control intraspecies and interspecies barriers in Brassicaceae | Nature | 2023 | pEASY®-Basic Seamless Cloning and Assembly Kit | CU201 | Cloning kit | | | |
| Structural basis for intrinsic transcription termination | Nature | 2023 | | | | | | |
| lncRNA SLERT controls phase separation of FC/DFCs to facilitate Pol I transcription | Science | 2021 | | | | | | |
| lncRNA SLERT controls phase separation of FC/DFCs to facilitate Pol I transcription | Science | 2021 | | | | | | |
| Amplification editing enables efficient and precise duplication of DNA from short sequence to megabase and chromosomal scale | Cell | 2024 | | | | | | |
| Distinct processing of lncRNAs contributes to non-conserved functions in stem cells | Cell | 2020 | Trans1-T1 Phage Resistant Chemically Competent Cell | CD501 | Cloning Competent Cells | | | |
| A Defense Pathway Linking Plasma Membrane and Chloroplasts and Co-opted by Pathogens | Cell | 2020 | | | | | | |
| Nucleolar URB1 ensures 3' ETS rRNA removal to prevent exosome surveillance | Nature | 2023 | | | | | | |
| A natural gene drive system confers reproductive isolation in rice | Cell | 2023 | | | | | | |
| Mitochondrial base editor induces substantial nuclear off-target mutation | Nature | 2022 | | | | | | |
| Recognition of cyclic dinucleotides and folates by human SLC19A1 | Nature | 2022 | | | | | | |
| Whitefly hijacks a plant detoxification gene that neutralizes plant toxins | Cell | 2021 | | | | | | |
| Amplification editing enables efficient and precise duplication of DNA from short sequence to megabase and chromosomal scale | Cell | 2024 | | | | | | |
| A Zea genus-specific micropeptide controls kernel dehydration in maize | Cell | 2024 | | | | | | |
| Precise modelling of mitochondrial diseases using optimized mitoBEs | Nature | 2025 | | | | | | |
| De novo assembly of nuclear stress bodies rearranges and enhances NFIL3 to restrain acute inflammatory responses | Cell | 2025 | | | | | | |
| Assembly and activation of EBV latent membrane protein 1 | Cell | 2024 | | | | Trans10 Chemically Competent Cell | CD101 | Cloning Competent Cells |
| Cyclic dinucleotide-induced filamentous assembly of phospholipases governs broad CBASS immunity | Cell | 2025 | | | | | | |
| The WDR11 complex is a receptor for acidic-cluster-containing cargo proteins | Cell | 2024 | TransStbl3 Chemically Competent Cell | CD521 | Cloning Competent Cells | | | |
| Rift Valley fever virus coordinates the assembly of a programmable E3-ligase to promote viral replication | Cell | 2024 | | | | | | |

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|---|---------|------|--|-------|----------------------------------|
| Regulatory mechanisms of strigolactone perception in rice | Cell | 2024 | Trans5a Chemically Competent Cell | CD201 | Cloning Competent Cells |
| Evolutionary study and structural basis of proton sensing by Mus GPR4 and Xenopus GPR4 | Cell | 2025 | | | |
| Identification, structure and agonist design of an androgen membrane receptor | Cell | 2025 | | | |
| SecY translocon chaperones protein folding during membrane protein insertion | Cell | 2025 | | | |
| Ligand-Induced Ubiquitination Unleashes LAG3 Immune Checkpoint Function by Hindering Membrane Sequestration of Signaling Motifs | Cell | 2025 | | | |
| Extrachromosomal DNA replication and maintenance couple with DNA damage pathway in tumors | Cell | 2025 | | | |
| NRT1.1B acts as an abscisic acid receptor in integrating compound environmental cues for plants | Cell | 2025 | | | |
| Rift Valley fever virus coordinates the assembly of a programmable E3-ligase to promote viral replication | Cell | 2024 | BL21 (DE3) Chemically Competent Cell | CD601 | Expression Competent Cells |
| Selective degradation of multimeric proteins by TRIM21-based molecular glue and PROTAC degraders | Cell | 2024 | | | |
| Regulatory mechanisms of strigolactone perception in rice | Cell | 2024 | | | |
| Neuronal FAM171A2 mediates α -synuclein fibril uptake and drives Parkinson's disease | Science | 2025 | | | |
| Chanoclavine synthase operates by an NADPH-independent superoxide mechanism | Nature | 2025 | | | |
| Perception of viral infections and initiation of antiviral defence in rice | Nature | 2025 | | | |
| Root microbiota regulates tiller number in rice | Cell | 2025 | Transetta(DE3) Chemically Competent Cell | CD801 | Expression Competent Cells |
| The Arabidopsis blue-light photoreceptor CRY2 is active in darkness to inhibit root growth | Cell | 2024 | | | |
| Ligand-Induced Ubiquitination Unleashes LAG3 Immune Checkpoint Function by Hindering Membrane Sequestration of Signaling Motifs | Cell | 2025 | | | |
| NRT1.1B acts as an abscisic acid receptor in integrating compound environmental cues for plants | Cell | 2025 | BL21 Chemically Competent Cell | CD901 | Expression Competent Cells |



pEASY[®]-Uni Seamless Cloning and Assembly Kit (CU101)

- Fast: 5~15 minutes
- Simple: No restriction enzyme digestions.
- High efficiency: > 95% cloning efficiency.
- Seamless: No extra sequences introduced.
- 1-7 fragments.



pEASY[®]-Basic Seamless Cloning and Assembly Kit (CU201)

- Fast: 5~15 minutes.
- Simple: No restriction enzyme digestions.
- High efficiency: > 95% cloning efficiency.
- Seamless: No extra sequences introduced.
- 1-5 fragments.

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| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|--|---------|------|---|----------|----------------------|
| Resurrection of endogenous retroviruses during aging reinforces senescence | Cell | 2023 | Fast Mutagenesis System | FM111 | Mutagenesis System |
| A Natural Allele of a Transcription Factor in Rice Confers Broad-Spectrum Blast Resistance | Cell | 2017 | | | |
| A single transcription factor promotes both yield and immunity in rice | Science | 2018 | | | |
| Liquid-Liquid Phase Transition Drives Intra-chloroplast Cargo Sorting | Cell | 2020 | | | |
| PoI IV and RDR2: A two-RNA-polymerase machine that produces double-stranded RNA | Science | 2021 | | | |
| Microbial-host-isozyme analyses reveal microbial DPP4 as a potential antidiabetic target | Science | 2023 | | | |
| ABLs and TMKs are co-receptors for extracellular auxin | Cell | 2023 | | | |
| Structural basis of exoribonuclease-mediated mRNA transcription termination | Nature | 2024 | | | |
| Chanoclavine synthase operates by an NADPH-independent superoxide mechanism | Nature | 2025 | | | |
| Modulating TRADD to restore cellular homeostasis and inhibit apoptosis | Nature | 2020 | TransDetect® PCR Mycoplasma Detection Kit | FM311 | Mycoplasma Detection |
| Mitochondrial base editor induces substantial nuclear off-target mutation | Nature | 2022 | | | |
| Discovery of deaminase functions by structure-based protein clustering | Cell | 2023 | | | |
| RNA codon expansion via programmable pseudouridine editing and decoding | Nature | 2025 | | | |
| Advancing protein evolution with inverse folding models integrating structural and evolutionary constraints | Cell | 2025 | | | |
| Iterative recombinase technologies for efficient and precise genome engineering across kilobase to megabase scales | Cell | 2025 | TransDetect® Double-Luciferase Reporter Assay Kit | FR201 | Cell Detection |
| Global miRNA dosage control of embryonic germ layer specification | Nature | 2021 | | | |
| A plant immune protein enables broad antitumor response by rescuing microRNA deficiency | Cell | 2022 | TransLv™ Lentivirus qPCR Titration Kit | FV201 | Lentivirus Related |
| Mouse totipotent stem cells captured and maintained through spliceosomal repression | Cell | 2021 | | | |



TransDetect® PCR Mycoplasma Detection Kit (FM311)

- High Sensitivity-Able to detect as low as 20 copies of mycoplasma genome.
- High Specificity-Only detect mycoplasma DNA, not eukaryotic and bacterial DNA.
- Simple and Easy to Use-Ready-to-use, optimized master mix and no need for DNA extraction.
- Positive and Negative Control-Ensure reliability and accuracy of the results.



TransDetect® Double-Luciferase Reporter Assay Kit (FR201)

- Rapid detection, high sensitivity, wide detection range, and no interference with the endogenous activity of cells.



TransLv™ Lentivirus qPCR Titration Kit (FV201)

- Simple operation and high sensitivity.
- Higher accuracy enabled by internal reference gene.
- Compatible with the second and third generation HIV-1 lentiviral packaging vectors.
- Good linear relationship in the range of 10³-10⁸ copies/μl.

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|---|---------|------|---|----------|------------------------|
| Structures of sperm flagellar doublet microtubules expand the genetic spectrum of male infertility | Cell | 2023 | <i>ProteinIso</i> [®] Ni-NTA Resin | DP101 | Protein Purification |
| An autoimmune disease variant of IgG1 modulates B-cell activation and differentiation | Science | 2018 | <i>ProteinIso</i> [®] GST Resin | DP201 | Protein Purification |
| Profound cellular defects attribute to muscular pathogenesis in rhesus monkey model of Duchenne muscular dystrophy | Cell | 2024 | <i>Blue Plus</i> [®] IV Protein Marker (10-180 kDa) | DM131 | Protein Marker |
| RNA codon expansion via programmable pseudouridine editing and decoding | Nature | 2025 | <i>Blue Plus</i> [®] V Protein Marker (10-190 kDa) | DM141 | Protein Marker |
| RNA polymerase III is required for the repair of DNA double-strand breaks by homologous recombination | Cell | 2021 | <i>ProteinSafe</i> [™] Protease Inhibitor Cocktail, EDTA-free (100×) | DI101 | Protease Inhibitor |
| GZMK-expressing CD8+ T cells promote recurrent airway inflammatory diseases | Nature | 2025 | 6×Protein Loading Buffer | DL101 | Protein Loading Buffer |
| Ligand-Induced Ubiquitination Unleashes LAG3 Immune Checkpoint Function by Hindering Membrane Sequestration of Signaling Motifs | Cell | 2025 | | | |



***ProteinIso*[®] Ni-NTA Resin (DP101)**

- Large adsorption capacity, good selectivity, strong permeability, and easy regeneration.
- Choice for purification under non-deforming or denaturing conditions.



***ProteinIso*[®] GST Resin (DP201)**

- High efficiency (≥10 mg protein/ml filler)
- Purification of fusion proteins containing GST tags (such as: pGEX series)



***Blue Plus*[®] IV Protein Marker (10-180 kDa) (DM131)**

- Pre-stained bands can dynamically observe the electrophoresis state of proteins and clearly determine the effect of protein transfer
- Orange and green bands can easily determine the direction of transfer.
- Applicable to SDS-PAGE and WB. No His tag.



***ProteinSafe*[™] Protease Inhibitor Cocktail, EDTA-free (100×) (DI101)**

- All-in-one format: a mixture of broad-spectrum protease inhibitors to prevent proteolytic degradation.
- Ready to use: no need to thaw and dissolve the cocktail, just use directly.
- Compatibility: compatible with most of protein lysis buffers composed of detergent and do not interfere with protein quantitation.

| Literature | Journal | Year | Product Name | Cat. No. | Product Group |
|--|---------|------|--|----------|--------------------|
| TBK1 Suppresses RIPK1-Driven Apoptosis and Inflammation during Development and in Aging | Cell | 2018 | <i>ProteinFind</i> [®] Anti-β-Tubulin Mouse Monoclonal Antibody | HC101 | Loading Control |
| Diverse CMT2 Neuropathies are Linked to Aberrant G3BP Interactions in Stress Granules | Cell | 2023 | <i>ProteinFind</i> [®] Anti-β-Actin Mouse Monoclonal Antibody | HC201 | Loading Control |
| Immunoglobulin M Perception by FcμR | Nature | 2022 | <i>ProteinFind</i> [®] Goat Anti-Mouse IgG (H+L), HRP Conjugate | HS201 | Secondary Antibody |
| Perception of viral infections and initiation of antiviral defence in rice | Nature | 2025 | <i>ProteinFind</i> [®] Anti-DYKDDDDK Mouse Monoclonal Antibody | HT201 | Tag Antibody |
| Time-resolved reprogramming of single somatic cells into totipotent states during plant | Cell | 2025 | <i>ProteinFind</i> [®] Anti-HA Mouse Monoclonal Antibody | HT301 | Tag Antibody |
| Immunoglobulin M Perception by FcμR | Nature | 2022 | <i>ProteinFind</i> [®] Anti-His Mouse Monoclonal Antibody | HT501 | Tag Antibody |
| RALF peptide signaling controls the polytubey block in Arabidopsis | Science | 2022 | | | |
| Structural basis of ubiquitin modification by the Legionella effector SdeA | Nature | 2018 | | | |
| Antagonistic RALF peptides control an intergeneric hybridization barrier on Brassicaceae stigmas | Cell | 2023 | | | |
| <i>ProteinFind</i> [®] Anti-GST Mouse Monoclonal Antibody | Science | 2025 | <i>ProteinFind</i> [®] Anti-GST Mouse Monoclonal Antibody | HT601 | Tag Antibody |
| Targeted MYC2 stabilization confers citrus Huanglongbing resistance | Science | 2025 | | | |
| Stella safeguards the oocyte methylome by preventing de novo methylation mediated by DNMT1 | Nature | 2018 | <i>ProteinFind</i> [®] Anti-GFP Mouse Monoclonal Antibody | HT801 | Tag Antibody |
| HD-Zip proteins modify floral structures for self-pollination in tomato | Science | 2024 | | | |
| A natural variant of COOL1 gene enhances cold tolerance for high latitude adaptation in maize | Cell | 2025 | | | |
| NRT1.1B acts as an abscisic acid receptor in integrating compound environmental cues for plants | Cell | 2025 | | | |

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|--|---------|------|---|-------|----------------|
| SecY translocon chaperones protein folding during membrane protein insertion | Cell | 2025 | ProteinFind® Anti-His Mouse Monoclonal Antibody | HT501 | Tag Antibody |
| A wheat tandem kinase and NLR pair confers resistance to multiple fungal pathog | Science | 2025 | | | |
| Targeted MYC2 stabilization confers citrus Huanglongbing resistance | Science | 2025 | | | |
| An alternate receptor for adeno-associated viruses | Cell | 2025 | | | |
| A natural variant of COOL1 gene enhances cold tolerance for high latitude adaptation in maize | Cell | 2025 | ProteinFind® Anti-c-Myc Mouse Monoclonal Antibody | HT101 | Tag Antibody |
| Resistance to Striga Parasitism through Reduction of Strigolactone Exudation | Cell | 2025 | | | |
| mTOR Regulates Phase Separation of PGL Granules to Modulate Their Autophagic Degradation | Cell | 2018 | RNase A | GE101 | Other products |
| Allogeneic CD19-targeted CAR-T therapy in patients with severe myositis and systemic sclerosis | Cell | 2024 | | | |
| Allogeneic CD19-targeted CAR-T therapy in patients with severe myositis and systemic sclerosis | Cell | 2024 | Proteinase K | GE201 | Other products |
| A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2 | Science | 2020 | RNase-free Water | GI201 | Other products |
| Iterative recombinase technologies for efficient and precise genome engineering across kilobase to megabase scales | Cell | 2025 | Ampicillin | GG101 | Other products |
| Iterative recombinase technologies for efficient and precise genome engineering across kilobase to megabase scales | Cell | 2025 | Kanamycin | GG201 | Other products |
| m6A-modified cenRNA stabilizes CENPA to ensure centromere integrity in cancer cells | Cell | 2024 | TransNGS® rRNA Depletion Kit (Human/Mouse/Rat) | KD101 | NGS |



TransNGS® rRNA Depletion Kit (Human/Mouse/Rat) (KD101)

- The kit can remove up to 99% ribosomal RNA from human/mouse/rat total RNA.
- Control qPCR Primer Sets are provided to monitor the depletion efficiency of ribosomal RNA and the retention rate of non-ribosomal RNA.

How to navigate through our website?

Homepage: When you first visit our website, you'll land on the homepage. This is where you can find an overview of our services, products, or any important announcements. From here, you can navigate to other sections of the website.

Callouts on the homepage:

- Consult our catalog and services
- Choose your Country
- Log in to your account
- Choose your language
- View Cart

Search for a product by description, reference, CAS, Number, target...

Categories: Cell-based assay kits, Culture flasks, Culture supports for microscopy, Detection kits for IHC, FPLC Columns, Histological special stains, Immunoassays, Lectins, Next Generation Sequencing (NGS), Plant tissue culture, Radiochemicals, More categories...

Search Bar: Look for specific Products and equipment

Search by selecting either RUO or IVD products

Refine your search by choosing from the following options

Apply Filter

Search result : 39126007 product found

| Cat# | Description | Cond. |
|-----------------|--|-----------|
| NB-45-00042-100 | Super NI-NTA Agarose Resin | 100ml |
| NB-45-00042-25 | Super NI-NTA Agarose Resin | 25ml |
| NB-45-00058-4 | Proteus 1 -step Batch Mini Spin Column Pack | 40pc |
| NB-12-6001-3 | NeoLine pipette 2-20 µl | 1unit |
| NB-12-0023C | Mini Centrifuge N500C @10,000rpm (Including 6x1.5/2.0ml angle rotor) | 1pcs |
| NB-03-0160 | Proteinase K (Powder) | 100mg |
| NB-60-0001 | NeoPrep mini | 50columns |
| NB-12-8001-19 | Combs for NeoPRO4 mini (1.5mm, 15 wells) | 5pieces |
| NB-12-8001-20 | Spacer glasses flat for NeoPRO4 mini (0,75mm, 100*83mm) | 5pieces |
| NB-12-8001-04 | Short glasses flat for NeoPRO4 mini (1.0mm, 100*73mm) | 10pieces |

“Remember, if you ever get lost or have questions, don't hesitate to reach out to our customer support team. They're here to help you address any concerns you may have.”

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