

Wnt3a Protein, Mouse, Recombinant (His)

#Cat: NB-64-51528-5ug	Size: 5ug
#Cat: NB-64-51528-10ug	Size: 10ug
#Cat: NB-64-51528-20ug	Size: 20ug
#Cat: NB-64-51528-50ug	Size: 50ug
#Cat: NB-64-51528-100ug	Size: 100ug
#Cat: NB-64-51528-200ug	Size: 200ug
#Cat: NB-64-51528-500ug	Size: 500ug
#Cat: NB-64-51528-1mg	Size: 1mg

General Information:

Synonyms: Wnt-3a;Protein Wnt-3a;Wnt3a
Protein 19-352 aa

Construction :

Species : Mouse

Expression Host : E. coli

Accession : P27467

Molecular Weight : 40.9 kDa (predicted)

SYPIWWSLAVGPQYSSLSTQPILCASIPGLVPKQLRFCRNYVEIMPSVAEGVKAGIQECQHQFRGRRWNCTTV
SNSLAIFGPVLDKATRESAFVHAIASAGVAFVTRSCAEGSAAICGCSSRLQGSPGEGWKWGGCSEDIEFGGM
AA Sequence : VSREFADARENRPDARSAMNRHNNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQPDFRTIGDFLKDK
YDSASEMVVEKHRESRGWVETLRPRYTYFKVPTERDLVYYEASPNFCEPNPETGSFGTRDRTCNVSSHGIDGC
DLLCCGRGHNARTERRREKCHCVFHWCCYVSCQECTRVYDVHTCK

QC Testing:

Biological Activity : Activity has not been tested. It is theoretically active, but we cannot guarantee it. For confirmed protein cellular activity, we recommend selecting TMPY-06987.

Purity : > 85% as determined by SDS-PAGE.

Endotoxin : < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation : Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution :

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage :

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping :

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family. Required for normal, embryonic mesoderm development and formation of caudal somites. Required for normal morphogenesis of the developing neural tube. Mediates self-renewal of the stem cells at the bottom of intestinal crypts (in vitro).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use