

West Nile Virus (WNV) (lineage 1, strain NY99) NS1 Protein (His)

#Cat: NB-64-59765-100ug

Size: 100 µg

General Information

Synonyms:	interferon regulatory factor 3
Protein Construction	A DNA sequence encoding the NS1 of West Nile Virus (WNV)(lineage 1, strain NY99) (YP_001527881.1) (Asp1-Ala352) was expressed with a polyhistidine tag at the N-terminus. Predicted N terminal: His
Species:	WNV
Expression Host:	HEK293 Cells
Accession:	YP_001527881.1
Molecular Weight:	42.1 kDa (predicted)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution :

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. 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 freezethaw cycles and store products in aliquots.

Shipping:

In general, Lyophilized powders are shipping with blue ice.