

WNV WNV-NS1 / Nonstructural protein 1 (His Tag)



Catalog Number: 504345

General Information

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.

Organism

WNV

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant the NS1 of West Nile Virus (WNV)(lineage 1, strain NY99) consists of 371

amino acids and predicts a molecular mass of 42.1 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

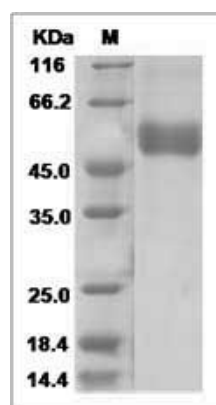
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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