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

Catalog Number: **40346-V07H**

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Biological Solution Specialist

General Information

Gene Name Synonym:

2310047A08Rik; 4732414G15Rik; AI467567; AI747578; Pkr; Prkr; Tik

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.

Source: 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 ℃

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.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

