

# Recombinant West Nile Virus (WNV) (lineage 1, strain NY99) NS1 Protein, His-tagged

**Cat. No.** NS1-361W    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant NS1 of West Nile Virus (WNV)(lineage 1, strain NY99) (YP_001527881.1) (Asp1-Ala352), fused with a polyhistidine tag at the N-terminus, was expressed in HEK293 Cells.
<b>Species</b>	WNV
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-352 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**GENE INFORMATION**

**Official Symbol**      [NS1](#)

**Synonyms**              NS1

**Protein Refseq**        [YP\\_001527881.1](#)

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