

# WNV WNV-prM and E / prM protein and Envelope (Domain III, His Tag)



Catalog Number: 504884

## General Information

### Protein Construction

A DNA sequence encoding the domain III of the West Nile virus (WNV)(lineage 1, strain NY99) envelope glycoprotein (E) (ABA62343.1) (Gln586-Ala705) was expressed with a polyhistidine tag at the C-terminus.

### Organism

WNV

### Expression Host

Yeast

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Stability

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

### Predicted N terminal

Gln 586

### Molecular Mass

The recombinant domain III of the West Nile virus (WNV)(lineage 1, strain NY99) envelope

glycoprotein (E) consists of 130 amino acids and predicts a molecular mass of 14 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

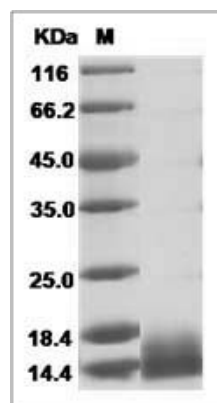
Store it under sterile conditions at -20°C to -80°C.

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) E / Envelope Protein (Domain III, His Tag)