West Nile Virus (WNV) (lineage 1, strain NY99) E / Envelope Protein (Domain III, His Tag)

Catalog Number: 40345-V08Y

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

WNV-prM and E

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-Ile694) was expressed with a polyhistidine tag at the C-terminus.

Source: 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 ℃

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 119 amino acids and predicts a molecular mass of 12.9 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:

