WNV WNV-E recombinant protein (C-His)

Catalog Number: 514894



General Information

Protein Construction

A DNA sequence encoding the envelope protein of West Nile Virus (WNV) (lineage 2, strain Nea Santa-Greece-2010) (AED99787.1) (Gln586-Ile694) 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 envelope protein of West Nile Virus (WNV) (lineage 2, strain Nea Santa-Greece-2010) consists of 119 amino acids and

predicts a molecular mass of 12.9 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

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

Usage Guide

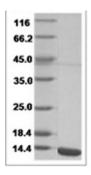
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



West Nile Virus (WNV) (lineage 2, strain Nea Santa-Greece-2010) E / Envelope Protein (Domain III, His Tag)