

## 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 130 amino acids and predicts a molecular mass of 14 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

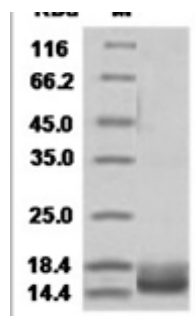
### Storage

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.

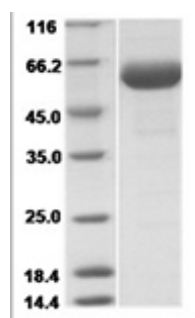
### Reconstitution

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

### SDS-PAGE



Human WNV-E / Envelope protein Protein 15522



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