

## General Information

### Protein Construction

A DNA sequence encoding the the Zika virus (strain Zika SPH2015) NS1 (ALU33341.1) (Val796-Leu1157) was expressed with a polyhistidine tag at the C-terminus.

### Organism

ZIKV

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Val 796

### Molecular Mass

The recombinant the Zika virus (strain Zika SPH2015) NS1 consists of 373 amino acids and predicts a molecular mass of 42.6 kDa.

## Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % gly.

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

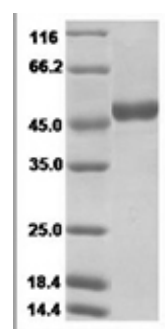
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



ZIKV Nonstructural protein 1 / Zika-NS1 Protein  
14969