

General Information

Gene Name Synonym:

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.

Source:ZIKV

Expression Host:Baculovirus-Insect Cells

QC Testing

Activity:

Purity:

> 90 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Stability:

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

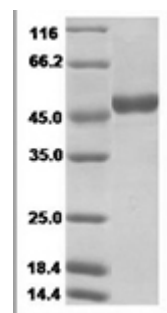
Storage:

Store it under sterile conditions at -20°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:



ZIKV Nonstructural protein 1 / Zika-NS1 Protein
14969