Recombinant ZIKV (strain Zika SPH2015) NS1 protein (C- His Tag)



Catalog Number: PKSV030273

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Zika virus;NS1 protein;strain Zika SPH2015

Species ZIKV

Expression Host Baculovirus-Insect Cells

Sequence Val796-Leu1157
Accession ALU33341.1
Calculated Molecular Weight 42.6 kDa
Tag C-His

Properties

Purity > 90 % as determined by reducing SDS-PAGE.

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

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

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

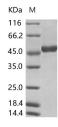
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Zika virus NS1 antigen is one of seven non-structural proteins. NS1 is involved in RNA replication. The possible effects of NS1 on hosts include: localization to host cell surface and secreted extracellularly, modelates signalling of innate immune system, has possible damages to platelets and endothelial cells through anti-NS1 antibodies.

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