

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



Catalog Number:PKSV030273

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

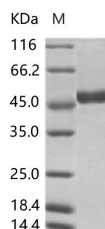
Description

| | |
|------------------------------------|--|
| 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, modulates signalling of innate immune system, has possible damages to platelets and endothelial cells through anti-NS1 antibodies.

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