

Recombinant ZIKV (strain Zika SPH2015) NS5 protein (His Tag)

Catalog Number: PKSV030274

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

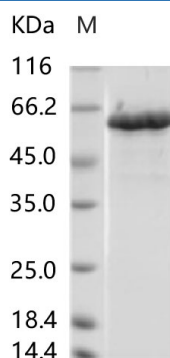
Description

| | |
|----------------------|---|
| Species | ZIKV |
| Source | Baculovirus-Insect Cells-derived ZIKV ZIKV (strain Zika SPH2015) NS5 protein Lys2772-Leu3423, with an C-terminal His |
| Calculated MW | 76.7 kDa |
| Accession | ALU33341.1 |
| Bio-activity | Not validated for activity |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % 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 PB, 100 mM NaCl, 50% glycerol, pH 7.0, 0.5 mM TCEP. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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



> 95 % as determined by reducing SDS-PAGE.

Background

Zika virus NS5 is involved in methyltransferase and RNA guanylyltransferase activities and capping and synthesis of RNA. And, NS5 is also a RNA-dependent RNA polymerase.

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