

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



Catalog Number:PKSV030274

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

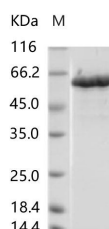
Description

Synonyms	Zika virus;NS5 protein;strain Zika SPH2015
Species	ZIKV
Expression Host	Baculovirus-Insect Cells
Sequence	Lys2772-Leu3423
Accession	ALU33341.1
Calculated Molecular Weight	76.7 kDa
Tag	C-His

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% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
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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