

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

Catalog Number: PKSV030274

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

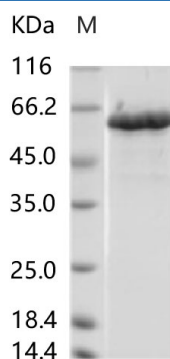
Description

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.

For Research Use Only