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

Catalog Number: PKSV030273

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

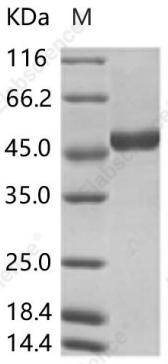
Description

Species	ZIKV
Source	Baculovirus-Insect Cells-derived ZIKV ZIKV (strain Zika SPH2015) NS1 protein Val796-Leu1157, with an C-terminal His
Calculated MW	42.6 kDa
Accession	ALU33341.1
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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% 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



> 90 % as determined by reducing SDS-PAGE.

Background

Zika virus NS1 antigen is one of seven non-structural proteins. NS1 is involved in RNA replicaiton. 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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