

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

**Catalog Number:** PKSV030273

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

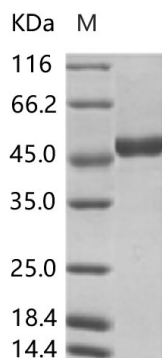
### Description

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

### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	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.

### For Research Use Only