Recombinant ZIKV(strain Zika SPH2015) NS1 protein, His-tagged

Cat. No. NS1-753Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant ZIKV(strain Zika SPH2015) NS1 (ALU33341.1) (Val796-Leu1157) was expressed with a polyhistidine tag at the C-terminus.
Species	Zika
Source	Insect Cells
ProteinLength	Val796-Leu1157
Description	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: l centigradealization 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.
Predicted N Terminal	Val 796
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % gly. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant the Zika virus (strain Zika SPH2015) NS1 consists of 373 amino acids and predicts a molecular mass of 42.6 kDa.

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Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at-70 centigrade. Store it under sterile conditions at-20 centigrade to-80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Official Symbol	NS1
Synonyms	NS1

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