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

Cat. No. NS1-949Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zika virus (ZIKV) (strain Zika SPH2015) NS1 protein(ALU33341.1)(Val796-Leu1157), fused with His tag, was expressed in HEK293.
Species	Zika virus (ZIKV) (strain Zika SPH2015)
Source	HEK293
ProteinLength	Val796-Leu1157
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Zika virus (strain Zika SPH2015) NS1 consists of 381 amino acids and predicts a molecular mass of 43.5 kDa. The apparent molecular mass of the protein is approximately 50 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	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°C before opening to recover the entire contents.

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