

Recombinant Zika virus NS1 Protein

Cat. No. NS1-92Z Lot. No. (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Zika virus NS1 protein with a MW of 44.2 kDa. It is recognized by positive samples in ELISA tests.
Species	Zika
Source	Insect Cells
Description	Plays a role in virus budding by binding to the host cell membrane and packages the viral RNA into a nucleocapsid that forms the core of the mature virus particle. During virus entry, may induce genome penetration into the host cytoplasm after hemifusion induced by the surface proteins. Can migrate to the cell nucleus where it modulates host functions.
Form	Affinity purified, liquid
Molecular Mass	44.2 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
Storage	Upon receipt, quick spin before open vial, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles
Storage Buffer	PBS, pH 7.3

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Preservative	0.1% ProClin 300
Full Length	Full L.
GENE INFORMATION	
Gene Name	POLY polyprotein [Zika virus]
Official Symbol	POLY
Synonyms	POLY; polyprotein; polyprotein; capsid protein C; membrane glycoprotein precursor prM; envelope protein E; nonstructural protein NS1; nonstructural protein NS2A; nonstructural protein NS2B; nonstructural protein NS3; nonstructural protein NS4A; nonstructural protein NS4B; RNA-dependent RNA polymerase NS5; anchored capsid protein ancC; protein pr; membrane glycoprotein M; protein 2K
Gene ID	7751225
Protein Refseq	YP_002790881
UniProt ID	Q32ZE1

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