

Zika virus NS1 Protein (HEK293, His)

Cat. No.:	HY-P74455
Synonyms:	Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-NS1 protein
Species:	Virus
Source:	HEK293
Accession:	ALU33341 (V796-L1157)
Gene ID:	/
Molecular Weight:	Approximately 43.5 kDa

PROPERTIES

AA Sequence	V G C S V D F S K K E T R C G T G V F V Y N D V E A W R D R Y K Y H P D S P R R L A A A V K Q A W E D G I C G I S S V S R M E N I M W R S V E G E L N A I L E E N G V Q L T V V V G S V K N P M W R G P Q R L P V P V N E L P H G W K A W G K S H F V R A A K T N N S F V V D G D T L K E C P L K H R A W N S F L V E D H G F G V F H T S V W L K V R E D Y S L E C D P A V I G T A V K G K E A V H S D L G Y W I E S E K N D T W R L K R A H L I E M K T C E W P K S H T L W T D G I E E S D L I I P K S L A G P L S H H N T R E G Y R T Q M K G P W H S E E L E I R F E E C P G T K V H V E E T C G T R G P S L R S T T A S G R V I E E W C C R E C T M P P L S F R A K D G C W Y G M E I R P R K E P E S N L V R S M V T A G S T D H M D H F S L
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Genome polypeptide is a series of protein units with similar or different functions that have been widely utilized by single-celled or multi-cellular organisms as concentrators of countless molecular activities. Genome polypeptide is a small protein chain that is covalently linked, and it is a common means of organizing the protein set of viruses (including HIV) in nature. As
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the signal peptide of NS4B, genome polyprotein is essential for the anti-interferon activity of NS4B. Genome polyprotein inhibits RNA silencing by interfering with host Dicer. Genome polyprotein may play a role in viral budding. Genome polyprotein exerts cytotoxic effects by activating the mitochondrial apoptosis pathway through the M ectodomain. Genome polyprotein may display viral protein activity^{[1][2]}.

Caution: Product has not been fully validated for medical applications. For research use only.

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