Zika virus E/Envelope Protein (HEK293, His)

Cat. No.:	HY-P74456
Synonyms:	Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-E/Envelope protein (Domain III, His)
Species:	Virus
Source:	HEK293
Accession:	ALU33341.1 (V593-K699)
Gene ID:	/
Molecular Weight:	Approximately 13 kDa

PROPERTIES

AA Sequence	V S Y S L C T A A F T F T K I P A E T L H G T V T V E V Q Y A G T D G P C K V P A Q M A V D M Q T L T P V G R L I T A N P V I T E S T E N S K M M L E L D P P F G D S Y I V I G V G E K K I T H H W H R S G S T I G K
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.
Reconsititution	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 polyprotein 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 polyprotein 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 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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