

Zika NS1 Recombinant Protein | NS1 recombinant protein

Recombinant Zika NS1 HEK

CATALOG #
AAA38003

PRODUCT SYNONYMS

Zika NS1; Recombinant Zika NS1 HEK; HEK; Zika NS1 Protein Recombinant; NS1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Zika NS1 protein is >90% pure as determined by SDS-PAGE.
Form/Format	Zika NS1 protein (0.5mg/ml) contains Dulbecco's Phosphate buffer saline, pH7.4 Sterile Filtered solution.
Concentration	4mg/ml (varies by lot)
Sequence Length	380
Source	Human Embryonic Kidney 293 cells
Preparation and Storage	Zika NS1 protein although stable at 4 degree C for 1 week should be store below -18 degree C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NS1 recombinant protein	Introduction: Zika virus (ZIKV) belongs to the family Flaviviridae and the genus Flavivirus, it is transmitted by daytime-active Aedes mosquitoes, such as <i>A. aegypti</i> and <i>A. albopictus</i>. The Zika virus is related to the dengue, yellow fever, Japanese encephalitis, and West Nile viruses. Much like the other flaviviruses, Zika virus is enveloped and icosahedral and has a nonsegmented, single-stranded, positive-sense RNA genome. Zika fever is an infection, which often causes no symptoms or only mild ones, like a mild form of dengue fever, and it is treated by rest. As of February 2016, there has been mounting evidence that Zika fever in pregnant women can cause abnormal brain development in their fetuses by mother-to-child transmission, which may result in miscarriage or microcephaly, however it is not yet known whether Zika virus causes microcephaly. Furthermore, a connection has been established with neurologic conditions in infected adults, including GuillainBarre syndrome. Description: The HEK derived recombinant Zika NS1 protein strain MR-766 (Prototype, Uganda, 1947, GenBank accession number AY632535).The Zika NS1 protein is fused to a 6xHis tag at C-terminus and purified by proprietary chromatographic technique.
Product Categories/Family for NS1 recombinant protein	Viral Antigens ; ZIKA VIRUS

NCBI AND UNIPROT INFORMATION

NCBI GI #	288848
UniProt Accession #	Q06371
Molecular Weight	42,849 Da
NCBI Official Full Name	NS1, partial
UniProt Protein Name	NS1 protein
UniProt Gene Name	NS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ns1-recombinant-protein/38003>