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Human CellExp™ Zika virus NS1 Protein
NS1
Catalog # PBV11542r

Specification

Human CellExp™ Zika virus NS1 Protein - Product info

Primary Accession	A0A0U3FSM8
Calculated MW	**42 kDa KDa**

Human CellExp™ Zika virus NS1 Protein - Additional Info

Other Names
NS1

Gene Source	**Zika virus (strain Mr 766) (ZIKV)**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE;> 90%**
Recombinant	**Yes**

Target/Specificity
N/A

Application Notes
Reconstitute in 1X PBS to the desired protein concentration.

Format
Lyophilized

Storage
-20°C;Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally Trehalose is added as protectant before lyophilization.

Human CellExp™ Zika virus NS1 Protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp™ Zika virus NS1 Protein - Images

Human CellExp™ Zika virus NS1 Protein - Background

Zika virus (ZIKV) is a member of the virus family Flaviviridae and the genus Flavivirus, transmitted

by daytime-active Aedes mosquitoes, such as A. aegypti and A. albopictus. Its name comes from the Zika Forest of Uganda, where the virus was first isolated in 1947. Zika virus is related to dengue, yellow fever, Japanese encephalitis, and West Nile viruses. The infection, known as Zika fever, often causes no or only mild symptoms, similar to a mild form of dengue fever. It is treated by rest. Since the 1950s, it has been known to occur within a narrow equatorial belt from Africa to Asia. As of 2016, the illness cannot be prevented by drugs or vaccines. As of February 2016, there is evidence that Zika fever in pregnant women is associated with abnormal brain development in their fetuses through mother-to-child transmission of the virus, which may result in miscarriage or microcephaly.