

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 Cytometry](#)
- [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.