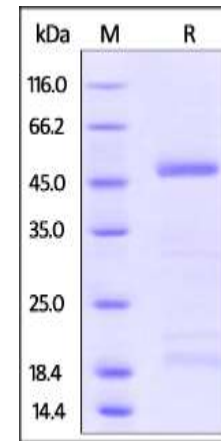


Human CellExp™ Zika virus NS1 Protein

CATALOG NO:	P1062-10	10 µg
ALTERNATE NAMES:	NS1	
SOURCE:	HEK 293 cells (Val 796 - Ser 1148)	
PURITY:	> 90% by SDS – PAGE	
MOL. WEIGHT:	This protein carries a polyhistidine tag at the C-terminus, and has a calculated MW of 42 kDa. The predicted N-terminus is Val 796.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.	
DESCRIPTION:	Zika virus (ZIKV) is a member of the virus family Flaviviridae and the genus Flavivirus, transmitted by daytime-active Aedes mosquitoes, such as <i>A. aegypti</i> and <i>A. albopictus</i> . 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.	



Recombinant Zika virus NS1 protein:

Zika virus NS1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

RELATED PRODUCT:

- Human CellExp™ Recombinant EBOV Envelope Glycoprotein 1 (**Cat. No. 1060-10, -50**)
- Human CellExp™ Recombinant Ebolavirus BDBV Envelope Glycoprotein 1 (GP1) (**Cat. No. 1061-10, -50**)
- Human CellExp™ Recombinant Ebolavirus BDBV Small/secreted Glycoprotein 1 (sP1) (**Cat. No. 1059-10, -25**)
- Active HIV-2 Protease Recombinant (GST-tagged) (**Cat. No. 7851-20, -100**)
- Active HIV1 Protease Recombinant (GST-tagged) (**Cat. No. 7849-20, -100**)
- Human CellExp™ HIV-1 (CN54) GP120 (**Cat. No. P1003-20, -100**)
- Human CellExp™ HAVCR1 / KIM1 / TIM1, Human recombinant (**Cat. No. 7232-10**)
- Human CellExp™ HVEM/TNFRSF14, Human recombinant (**Cat. No. 7466-20, -100**)
- Human CellExp™ Influenza A virus / Neuraminidase (NA) (**Cat. No. 7508-20**)
- Human CellExp™ KIM3/HAVCR2, Human recombinant (**Cat. No. 7495-10, -50**)
- Human CellExp™ TPO, Human Recombinant (**Cat. No. 6483-10, -50**)

FOR RESEARCH USE ONLY! Not to be used on humans.