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32-13625: Zika NS1, HEK

Alternative Name :	Zika virus (ZIKV) belongs to the family Flaviviridae and the genus Flavivirus, it is transmitted by daytime-active Aedes mosquitoes, such as A. aegypti and A. albopictus. 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 GuillainÂ–Barre syndrome.

Description

Source: Human Embryonic Kidney 293 cells.
Sterile Filtered solution.
Zika virus (ZIKV) belongs to the family Flaviviridae and the genus Flavivirus, it is transmitted by daytime-active Aedes mosquitoes, such as A. aegypti and A. albopictus. 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 GuillainÂ–Barre syndrome.
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 Info

Amount :	2 µg / 10 µg
Purification :	Zika NS1 protein is >90% pure as determined by SDS-PAGE.
Content :	Zika NS1 protein contains Dulbecco’s Phosphate buffered saline, pH 7.4.
Storage condition :	Zika NS1 protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.