

Zika Envelope Recombinant Protein | BathyCg00315 recombinant protein

Recombinant Zika Envelope sf9

CATALOG # AAA38010	HOST Sf9 Baculovirus Cells
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PRODUCT SYNONYMS

Zika Envelope; Recombinant Zika Envelope sf9; sf9; Zika Envelope Recombinant; BathyCg00315 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Baculovirus Cells
Purity/Purification	Zika Envelope protein is >80% pure as determined by SDS-PAGE.
Form/Format	Zika Envelope protein solution (2.8mg/ml) contains Phosphate buffered saline, pH 7.4 and 0.09% NaN ₃ . Sterile Filtered solution.
Concentration	2.8mg/ml (varies by lot)
Sequence Length	77
Preparation and Storage	Stable at 4 degree C for 1 week, should be stored below -18 degree C. Please freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BathyCg00315 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 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 GuillainBarre syndrome. Description: Sf9 derived recombinant Zika Envelope protein. The Zika Envelope protein is fused to a 6xHis tag and purified by proprietary chromatographic technique.
Product Categories/Family for BathyCg00315 recombinant protein	Viral Antigens ; ZIKA VIRUS

NCBI AND UNIPROT INFORMATION

NCBI GI #	684179962
NCBI GeneID	20314186
NCBI Accession #	YP_009056900.1
NCBI GenBank Nucleotide #	NC_024811.1
UniProt Accession #	K8F1J1
Molecular Weight	9,220 Da
NCBI Official Full Name	n/a (chloroplast)

NCBI Official Symbol	BathyCg00315
UniProt Gene Name	BathyCg00315
UniProt Entry Name	K8F1J1_9CHLO

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://www.aaabiotech.com/bathycg00315-recombinant-protein-sf9/38010>