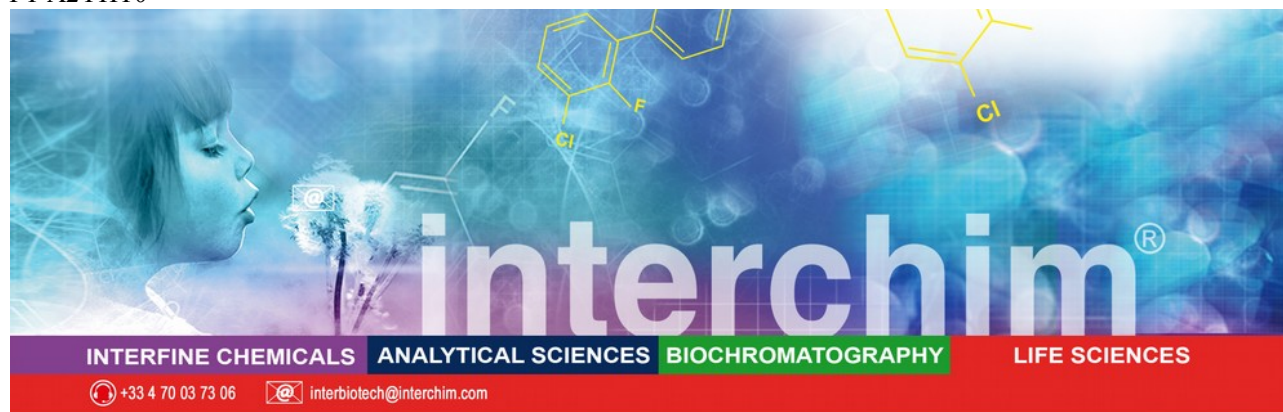


FT-A2YHT0



Zika Envelope Domain-3

Product Description

Catalog #:	A2YFA0, 2 µg A2YFA1, 10µg A2YFA2, 1mg
Name :	Zika Envelope Domain-3
Source :	Zika Envelope Domain-III Recombinant Escherichia Coli.
Physical Appearance :	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation :	Lyophilized from 1mg/ml in 20mM sodium carbonate pH-10.
Solubility :	It is recommended to reconstitute the lyophilized Zika Envelope Domain-3 protein in sterile 18M-cm H ₂ O at 1mg/ml, which can then be further diluted to other aqueous solutions.
Purity :	Greater than 95.0% as determined by SDS-PAGE.
Storage :	Zika envelope although stable at room temperature for 4 weeks, should be stored below -18°C. Please prevent freeze thaw cycles.

For Research Use Only

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 Guillain–Barre syndrome.

Technical and Scientific Information

Description

The E.Coli derived Zika Envelope domain-III is a non-glycosylated polypeptide chain having a molecular mass of 11 kDa and fused to a His tag at N-terminus.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for higher quantities (availability, shipment conditions).

Please contact InterBioTech – Interchim for any other information
Hotline : +33(0)4 70 03 73 06 – Interbiotech@interchim.com

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