

Zika Virus Envelope Recombinant Protein

Zika Virus Envelope Recombinant

CATALOG # AAA13452	HOST Insect Cells	APPLICATIONS ELISA, Lateral Flow
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PRODUCT SYNONYMS

Zika Virus Envelope; Zika Virus Envelope Recombinant; Zika Virus Envelope recombinant protein

PRODUCT SPECIFICATIONS

Host	Insect Cells
Purity/Purification	> 80% Pure (SDS-PAGE). Affinity Chromatography
Form/Format	Purified, Liquid; Phosphate Buffered Saline, pH 7.4
Concentration	2.7 mg/ml (Bradford Method) (varies by lot)
Applicable Applications for Zika Virus Envelope recombinant protein	ELISA, CLIA (Chemiluminescence Immunoassay), LF (Lateral Flow)
Application Notes	To overcome flavivirus cross-reactivity in recombinant antigens to envelope and NS1 antigens are commonly used. IgG and IgM antibodies typically show a high sensitivity and specificity to these epitopes especially NS1 which is thought to contain more species -specific epitopes than the envelope proteins. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Preservative	0.09% Sodium Azide
Safety Notes(s)	Refer to the appropriate Safety Data Sheet for additional information.
Inactivation	Not Applicable
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Thawing	Thaw at room temperature or 4 degreeC. Cryo-concentration may occur on thawing which should not affect performance characteristics. If cryo-concentration is seen after the material is completely thawed, mix by inverting the container GENTLY several times before use.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20 degree , avoid freeze/thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Zika Virus Envelope recombinant protein	Zika Virus Envelope Recomb. Zika Virus Envelope Recombinant Product contains Histidine tag.Reacts with both IgG and IgM. The E protein composes the majority of the virion surface and it is involved with replication, such as host cell binding and membrane fusion. Covers the ectodomain of the envelope proteins. M.W. on 12.5% SDS-PAGE is ~50Kd. The sequence of the envelope protein is derived from the African strain (all strains share very high identity in this region). The amino acid sequence is proprietary.
Product Categories/Family for Zika Virus Envelope recombinant protein	Recombinant; Antigen

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://stage.aaabiotech.com/zika-virus-envelope-recombinant-protein-insect-cells-elisa-clia-chemiluminescence-immunoassay-1f-lateral-flow/13452>