

Recombinant Zika virus (ZIKV) (strain Zika SPH2015) Envelope protein (aa 291-696, Thr356Ala, Gln357Gly, Trp381Arg, Leu387Arg), His-tagged

Cat. No. Envelope-568Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zika virus (strain Zika SPH2015) E (ALU33341.1, with mutation Thr 356 Ala, Gln 357 Gly, Trp 381 Arg, Leu 387 Arg) (Ile291-Thr696), fused with a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells.
Species	Zika
Source	Insect Cells
ProteinLength	291-696 a.a.
Predicted N Terminal	Ile 291
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant Zika virus (strain Zika SPH2015) E consists of 417 amino acids and predicts a molecular mass of 45.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION**Official Symbol**[Envelope](#)**Synonyms**

Envelope; E Protein

Protein Refseq[ALU33341.1](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA