

Recombinant Zika virus (strain Zika SPH2015) Envelope protein (Domain I), His-MBP-tagged

Cat. No. Envelope-566Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zika virus (strain Zika SPH2015) E (ALU33341.1) (Ile291-Thr399 and Glu426-Gly485 and Ser576- Gly592), fused with a N-terminal polyhistidine-tagged MBP tag (his-MBP), was expressed in E. coli.
Species	Zika
Source	E.coli
ProteinLength	291-399;426-485;576-592 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 250 mM NaCl, 50 mM Tris, pH 8.0, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant Zika virus (strain Zika SPH2015) E consists of 523 amino acids and predicts a molecular mass of 57.2 kDa.
Purity	> 75 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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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