

Recombinant Zika virus (ZIKV) (strain Zika SPH2015) E protein(Val593-Lys699), His-tagged

Cat. No. E-2429Z Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Zika virus (strain Zika SPH2015) E / Envelope (domain III) (ALU33341.1) (Val593-Lys699) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Zika
Source	HEK293
ProteinLength	Val593-Lys699
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Zika virus (strain Zika SPH2015) E / Envelope (domain III) consists of 118 amino acids and predicts a molecular mass of 13 kDa.
Endotoxin	< 1.0 EU per µg 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. 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.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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