

Recombinant ZIKV E / Envelope protein (Domain I, His &MBP Tag)

RPES7012

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES7012

Purity: > 75 % as determined by reducing SDS-PAGE.

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: ZIKV

Endotoxin: Please contact us for more information.

Synonyms: E protein, Zika virus, strain Zika SPH2015

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-His-MBP

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 57.2 kDa

Formulation: Lyophilized from sterile 250 mM NaCl, 50 mM Tris, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: -

Reconstitution: Please refer to the printed manual for detailed information.

Accession: ALU33341.1

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in

Source: E.coli-derived ZIKV ZIKV E / Envelope protein Ile291-Thr399 and Glu426-Gly485 and Ser576- Gly592, with an N-terminal His & MBP

Sequence: Ile291-Thr399 and Glu426-Gly485 and Ser576- Gly592

Form: Lyophilized powder

this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.