

ZIKV ZIKV-E recombinant protein (C-His)



Catalog Number: 514916

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the Zika virus (strain Zika SPH2015) E / Envelope (domain III) (ALU33341.1) (Val593-Lys699) was expressed with a polyhistidine tag at the C-terminus.

Source:ZIKV

Expression Host:Baculovirus-Insect Cells

QC Testing

Activity:

Purity:

> 95 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per μg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

Val 593

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.

Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % gly.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

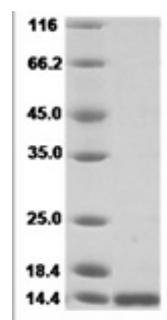
Storage:

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:

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE:



ZIKV Envelope / Zika-E Protein 14957