ZIKV ZIKV-E recombinant protein (C-human IgG1-Fc)

Catalog Number: 514807

General Information

Protein Construction

A DNA sequence encoding the Zika virus (strain Zika SPH2016) E_stem (Stem/anchor domain of flavivirus envelope glycoprotein E) (ALU33341.1) (Gly698-Ala794) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

ZIKV

Expression Host

Human Cells

QC Testing

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℃

Predicted N terminal

Gly 698

Molecular Mass

The recombinant Zika virus (strain Zika SPH2016) E_stem (Stem/anchor domain of flavivirus envelope glycoprotein E) consists of 335 amino acids and predicts a molecular mass of 36.7 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.
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

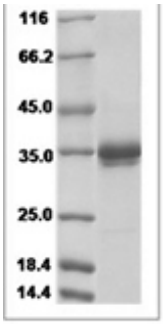
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 15330