# **ZIKV ZIKV-E recombinant protein (C-His)**

Catalog Number: 514916



## **General Information**

#### **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.

## Organism

**ZIKV** 

## **Expression Host**

Baculovirus-Insect Cells

## **QC Testing**

### **Purity**

> 95 % as determined by SDS-PAGE.

#### **Endotoxin**

 $< 1.0 \; EU$  per  $\mu g$  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**

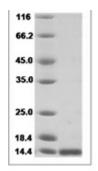
### **Storage**

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