# Recombinant ZIKV (strain Zika SPH2015) Membrane protein (Fc Tag)



Catalog Number: PKSV030268

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

### **Description**

Synonyms Zika virus; M protein; strain Zika SPH2015

Species ZIKV

Expression Host HEK293 Cells
Sequence Ala216-Ser293
Accession ALU33341.1
Calculated Molecular Weight 35.2 kDa.
Tag C-hFc

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin**  $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$ 

**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.

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

**Formulation** Lyophilized from sterile PBS, pH 7.4.

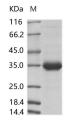
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

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

### Data



> 95 % as determined by reducing SDS-PAGE.

## **Background**

Zika virus (ZIKV) infection causes microcephaly and has been linked to other brain abnormalities. ZIKV has a more selective and larger impact on expression of genes involved in DNA replication and repair. P53 inhibitors can block the apoptosis induced by ZIKV-M in hNPCs.

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