# **Human IFITM3 (Fc Tag) recombinant protein**

Catalog Number: 501921



### **General Information**

### Gene Name Synonym

Dispanin subfamily A member 2b; Interferoninducible protein 1-8U

#### **Protein Construction**

A DNA sequence encoding the human IFITM3 (NP\_066362.2) (Met1-His57) was expressed, fused with the Fc region of mouse IgG1 at the N-terminus.

## **Organism**

Human

## **Expression Host**

**Human Cells** 

## **QC Testing**

#### **Purity**

> 99 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ C

### Predicted N terminal

Asp

#### **Molecular Mass**

The recombinant human IFITM3/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 293 amino acids and has a predicted molecular mass of 32.9 kDa. The apparent molecular mass of the monomer is approximately 33-45 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

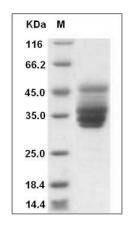
## **Storage**

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### **SDS-PAGE**



Human IFITM3 Protein (Fc Tag) SDS-PAGE