

Human IFITM3 (Fc Tag) recombinant protein



Catalog Number: 501921

General Information

Gene Name Synonym

Dispanin subfamily A member 2b; Interferon-inducible 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 μg of the 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

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

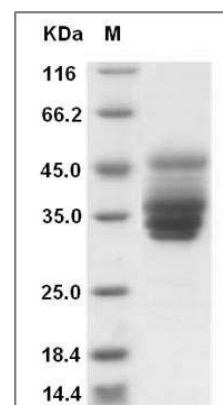
Storage

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