

# Human Junctional Adhesion Molecule C (Fc Tag) recombinant protein



Catalog Number: 503352

## General Information

### Gene Name Synonym

JAM-2; Junctional adhesion molecule 3

### Protein Construction

A DNA sequence encoding the human JAM3 (Q9BX67) extracellular domain (Met 1-Asn 241) was fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

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

### Stability

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

### Predicted N terminal

Val 32

### Molecular Mass

The recombinant human JAM3/Fc is a disulfide-

linked homodimeric protein. The reduced monomer consists of 451 amino acids and has a predicted molecular mass of 51 kDa. The reduced monomer migrates as an approximately 60 kDa band 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

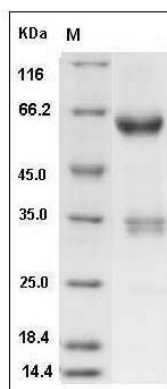
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 JAM3 / JAM-C Protein (Fc Tag) SDS-PAGE