

Mouse Junctional Adhesion Molecule A (Fc Tag) recombinant protein



Catalog Number: 501084

General Information

Gene Name Synonym

Junctional adhesion molecule 1

Protein Construction

A DNA sequence encoding the mouse F11R (NP_766235.1) extracellular domain (Met 1-Ala 242) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 94 % 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

Lys 27

Molecular Mass

The secreted recombinant mouse F11R/Fc is a

disulfide-linked homodimeric protein. The reduced monomer comprises 457 amino acids and has a predicted molecular mass of 50.2 kDa. rmF11R/Fc monomer migrates as an is approximately 57 kDa band in SDS-PAGE under reducing conditions, with $\sim 10\%$ free Fc fragment.

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

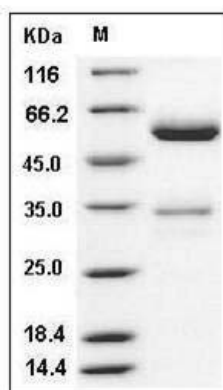
Storage

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



Mouse JAM-A / F11R Protein (Fc Tag) SDS-PAGE