

# Rat Junctional Adhesion Molecule A (His Tag) recombinant protein



Catalog Number: 501389

## General Information

### Gene Name Synonym

Junctional adhesion molecule 1

### Protein Construction

A DNA sequence encoding the rat F11R (Q9JHY1) (Met1-Gly238) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> (23.7+75.2) % 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 recombinant rat F11R comprises 223 amino

acids and predicts a molecular mass of 24.3 kDa. The apparent molecular mass of the recombinant protein is approximately 28 and 32 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

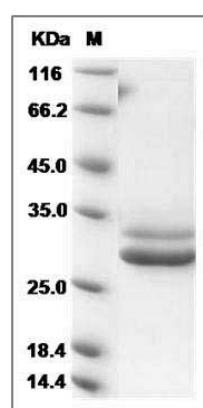
Store it under sterile conditions at -20°C to -80°C.

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



Rat JAM-A / F11R Protein (His Tag) SDS-PAGE