

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

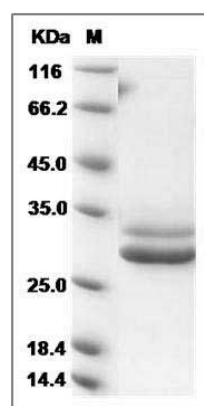
Store it under sterile conditions at -20°C to -80°C.

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