

RP02666

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# Recombinant Mouse JAM-A/F11R/CD321 Protein

Catalog No.: RP02666 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	16456	O88792

### Tags

C-His

### Synonyms

JAM-A; JAM-1; CD321; JAM; JCAM; JCAM1; KAT; PAM-1; F11 receptor; F11R; PAM-1KAT

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

#### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Background

junctional adhesion molecule A (JAM-A), a cell adhesion molecule, is highly elevated in human GBM cancer stem cells and predicts poor patient prognosis. While JAM-A is also highly expressed in other cells in the tumor microenvironment, specifically microglia and macrophages, JAM-A functions to suppress pathogenic microglial activation in the female tumor microenvironment, highlighting an emerging role for sex differences in the GBM microenvironment and suggesting that sex differences extend beyond previously reported tumor cell-intrinsic differences.

## Basic Information

### Description

Recombinant Mouse JAM-A/F11R/CD321 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys27-Gly238) of mouse JAM-A/F11R/CD321 (Accession #O88792) fused with His tag at the C-terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

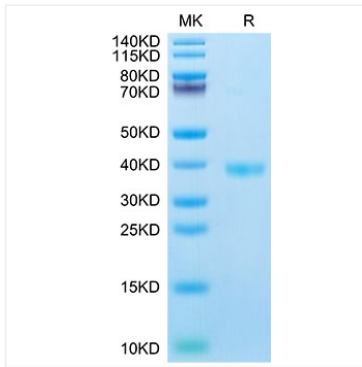
### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

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## Validation Data

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Recombinant Mouse JAM-A/F11R/CD321 Protein was determined by Tris-Bis PAGE under reducing conditions.