

# Recombinant Human JAM-A/F11R/CD321 Protein

Catalog No.: RP00299 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	50848	Q9Y624

### Tags

C-hFc&His

### Synonyms

F11R;CD321;JAM;JAM1;JAMA;JCAM;KAT;PAM-1

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Calculated MW	Observed MW
50.10 kDa	60-65 kDa

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial 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

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## Background

Junctional adhesion molecule A (JAM-A) which belongs to the immunoglobulin superfamily, seems to play a role in epithelial tight junction formation. JAM-A is expressed in endothelium, epithelium and leukocytes (at protein level). JAM-A contains Ig-like V-type 1 and Ig-like V-type 2 domains, the Ig-like V-type 2 domain is necessary and sufficient for interaction with integrin alpha-L/beta-2.

## Basic Information

### Description

Recombinant Human JAM-A/F11R/CD321 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ser28-Ala242) of human JAM-A (Accession #NP\_058642.1) fused with an Fc, 6×His tag at the C-terminus.

### Bio-Activity

#### Storage

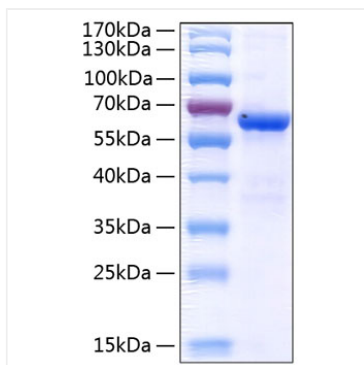
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

## Validation Data

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Recombinant Human JAM-A/F11R/CD321 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-65 kDa.