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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 % as determined 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 stablizer (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

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

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

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

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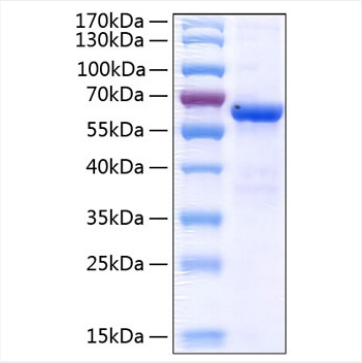
Validation Data



Recombinant Human JAM-A/F11R/CD321 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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