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Datasheet for ABIN7534450
F11R Protein (His tag)

Overview

Quantity:	100 µg
Target:	F11R
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This F11R protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human JAM-A/F11R/CD321 Protein
Sequence:	SVTVHSSEPE VRIPENNPVK LSCAYSGFSS PRVEWKFDQG DTTRLVCYNN KITASYEDRV TFLPTGITFK SVTREDTGTY TCMVSEEGGN SYGEVKVKLI VLPPSKPTV NIPSSATIGN RAVLTCSAQD GSPPEYTWK KDGIVMPTNP KSTRAFSNSS YVLNPTTGEL VFDPLSASDT GEYSCEARNG YGTPMSTNAV RMEAVERNVG VIVAA
Specificity:	Ser28-Ala242
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	F11R
Alternative Name:	JAM-A/F11R/CD321 (F11R Products)

Target Details

Background: Description: 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.

Name: F11R,CD321,JAM,JAM1,JAMA,JCAM,KAT,PAM-1

Gene ID: 50848

UniProt: [Q9Y624](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.