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Datasheet for ABIN7534135  
**JAM3 Protein (Ala149Pro) (Fc Tag,His tag)**

### Overview

Quantity:	100 µg
Target:	JAM3
Protein Characteristics:	Ala149Pro
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAM3 protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Recombinant Human JAM-3(A149P) Protein
Sequence:	VNLKSSNRTP VVQEFESVEL SCIITDSQTS DPRIEWKKIQ DEQTTYVFFD NKIQGDLAGR AEILGKTSLK IWNVTRRDSA LYRCEVARN DRKEIDEIMI ELTVQVKPVT PVCVRPKPVP VGKMATLHCQ ESEGHPRPHY SWYRNDVPLP TDSRANPRFR NSSFHLNSET GTLVFTAVHK DDSGQYYCIA SNDAGSARCE EQEMEVYDLN
Specificity:	Val32-Asn241(A149P)
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

### Target Details

Target:	JAM3
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## Target Details

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Alternative Name: JAM-3 ([JAM3 Products](#))

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Background: Description: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high endothelial cells. Unlike other proteins in this family, the this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. The encoded protein is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. A mutation in an intron of this gene is associated with hemorrhagic destruction of the brain, subependymal calcification, and congenital cataracts. Alternative splicing results in multiple transcript variants.

Name: JAM3,JAM-2,JAM-3,JAM-C,JAMC

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Gene ID: 83700

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UniProt: [Q9BX67](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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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.

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

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Storage: -20 °C,-80 °C

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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.

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