

JAM3 recombinant protein

JAM3, 32-241aa, Human, His tag, E Coli

CATALOG # AAA11811	HOST E Coli	APPLICATIONS SDS-Page
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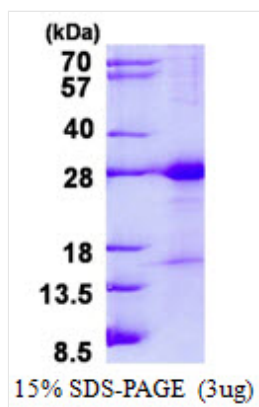
PRODUCT SYNONYMS

JAM3; 32-241aa; Human; His tag; E Coli; Junctional adhesion molecule C; Junctional adhesion molecule 3; JAM-C; JAMC; JAM3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM EDTA, 5mM DTT
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMVNLKSS NRTPVVQEFE SVELSCIITD SQTSDPRIEW KKIQDEQTTY VFFDNKIQGD LAGRAEILGK TSLKIWNVTR RDSALYRCEV VARNDRKEID EIVIELTVQV KPVTPVCRVP KAVPVGKMAT LHCQESEGHP RPHYSWYRND VPLPTDSRAN PRFRNSSFHL NSETGTLVFT AVHKDDSGQY YCIASNDAGS ARCEEQEMEV YDLN
Sequence Length	310
Applicable Applications for JAM3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for JAM3 recombinant protein	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. JAM3 is localized in the tight junctions between high endothelial cells. Unlike other proteins in this family, this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. JAM3 is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. Recombinant human JAM3 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for JAM3 recombinant protein	Signal Transduction
References	Santoso S., et al. (2002). J Exp Med. 2;196 (5):679-91.

NCBI AND UNIPROT INFORMATION

NCBI GI #	328927055
NCBI GeneID	83700
NCBI Accession #	NP_116190
NCBI GenBank Nucleotide #	NM_032801.4
UniProt Accession #	Q9BX67 ; Q8WWL8 ; Q96FL1 ; B3KWG9
Molecular Weight	26 kDa (234aa), confirmed by MALDI-TOF
NCBI Official Full Name	junctional adhesion molecule C isoform 1
NCBI Official Synonym Full Names	junctional adhesion molecule 3
NCBI Official Symbol	JAM3
NCBI Official Synonym Symbols	JAMC; JAM-2; JAM-3; JAM-C
NCBI Protein Information	junctional adhesion molecule C
UniProt Protein Name	Junctional adhesion molecule C
UniProt Gene Name	JAM3
UniProt Synonym Gene Names	JAM-C; JAM-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.