

Product information



JAM3, 32-241aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1723

Full name: Junctional adhesion molecule C

NCBI Accession No.: NP_116190

Synonyms: Junctional adhesion molecule 3, JAM-C, JAMC

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. 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.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM EDTA, 5mM DTT</p> <p>Molecular Weight: 26 kDa (234aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>(kDa) 70 57 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MGSVMNLKSS NRTPVVQEFE SVELSCITTD SQTSDPRI EW KKI QDEQTTY VFFDNKI QGD LAGRAE ILGK TSLKIWNVTR RDSALYRCEV VARNDRKEID EIVIELTVQV KPVPVCRVP KAVPVGKMAT LHCQESEGHP RPHYSWYRND VPLPTDSRAN PRFRNSSFHL NSETGTLVFT AVHKDDSGQY YCIASNDAGS ARCEEQEMEV YDLN</p>	

General references:

Santoso S., *et al.* (2002). *J Exp Med.* 2;196(5):679-91.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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