

Junctional adhesion molecule B Recombinant Protein | JAM2 recombinant protein

Recombinant Human Junctional adhesion molecule B

CATALOG # AAA114002	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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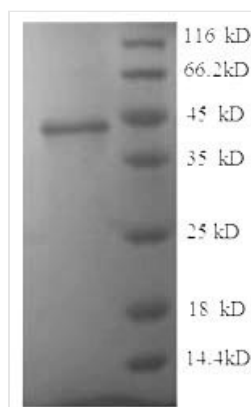
PRODUCT SYNONYMS

Junctional adhesion molecule B; Recombinant Human Junctional adhesion molecule B; Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule; VE-JAM; CD322; JAM2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-238aa; Extracellular Domain
Sequence	FSAPKDQQVV TAVEYQEAIL ACKTPKKTVS SRLEWKKLGR SVSFVYYQQT LQGDFKNRAE MIDFNIRIKN VTRSDAGKYR CEVSAPSEQG QNLEEDTVTL EVLVAPAVPS CEVPSSALSG TVVELRCQDK EGNPAPEYTW FKDGI RLLEN PRLGSQSTNS SYTMNTKTGT LQFNTVSKLD TGEYSCEARN SVGYRRCPGK RMQVDDLNIS
Sequence Length	262
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for JAM2 recombinant protein	May play a role in the processes of lymphocyte homing to secondary lymphoid organs.
Product Categories/Family for JAM2 recombinant protein	Cardiovascular

References

Vascular endothelial junction-associated molecule, a novel member of the immunoglobulin superfamily, is localized to intercellular boundaries of endothelial cells.Palmeri D., van Zante A., Huang C.-C., Hemmerich S., Rosen S.D.J. Biol. Chem. 275:19139-19145(2000) A novel protein with homology to the junctional adhesion molecule

Characterization of leukocyte interactions.Cunningham S.A., Arrate M.P., Rodriguez J.M., Bjerkce R.J., Vanderslice P., Morris A.P., Brock T.A.J. Biol. Chem. 275:34750-34756(2000) Annotation of human chromosome 21 for relevance to Down syndrome gene structure and expression analysis.Gardiner K., Slavov D., Bechtel L., Davisson M.Genomics 79:833-843(2002) The secreted protein discovery initiative (SPDI) , a large-scale effort to identify novel human secreted and transmembrane proteins a bioinformatics assessment.Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P., Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S., Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J., Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J., Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A., Vandlen R.L., Watanabe C., Wieand D., Woods K., Xie M.-H., Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D., Wood W.I., Godowski P.J., Gray A.M.Genome Res. 13:2265-2270(2003) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004) The DNA sequence of human chromosome 21.Hattori M., Fujiyama A., Taylor T.D., Watanabe H., Yada T., Park H.-S., Toyoda A., Ishii K., Totoki Y., Choi D.-K., Groner Y., Soeda E., Ohki M., Takagi T., Sakaki Y., Taudien S., Blechschmidt K., Polley A., Menzel U., Delabar J., Kumpf K., Lehmann R., Patterson D., Reichwald K., Rump A., Schillhabel M., Schudy A., Zimmermann W., Rosenthal A., Kudoh J., Shibuya K., Kawasaki K., Asakawa S., Shintani A., Sasaki T., Nagamine K., Mitsuyama S., Antonarakis S.E., Minoshima S., Shimizu N., Nordsiek G., Hornischer K., Brandt P., Scharfe M., Schoen O., Desario A., Reichelt J., Kauer G., Bloecker H., Ramser J., Beck A., Klages S., Hennig S., Riesselmann L., Dagand E., Wehrmeyer S., Borzym K., Gardiner K., Nizetic D., Francis F., Lehrach H., Reinhardt R., Yaspo M.-L.Nature 405:311-319(2000) Signal peptide prediction based on analysis of experimentally verified cleavage sites.Zhang Z., Henzel W.J.Protein Sci. 13:2819-2824(2004) Cloning of human junctional adhesion molecule 3 (JAM3) and its identification as the JAM2 counter-receptor.Arrate M.P., Rodriguez J.M., Tran T.M., Brock T.A., Cunningham S.A.J. Biol. Chem. 276:45826-45832(2001) Leukocyte-endothelial-cell interactions in leukocyte transmigration and the inflammatory response.Muller W.A.Trends Immunol. 24:327-334(2003) Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry.Liu T., Qian W.-J., Gritsenko M.A., Camp D.G. II, Monroe M.E., Moore R.J., Smith R.D.J. Proteome Res. 4:2070-2080(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	393715111
NCBI GeneID	58494
NCBI Accession #	NP_001257336.1
NCBI GenBank Nucleotide #	NM_001270407.1
UniProt Accession #	P57087; Q6UXG6; Q6YNC1; B2R6T9; B4DGT9
Molecular Weight	25.5 kDa
NCBI Official Full Name	junctional adhesion molecule B isoform 2
NCBI Official Synonym Full Names	junctional adhesion molecule 2

NCBI Official Symbol	JAM2
NCBI Official Synonym Symbols	JAMB; CD322; JAM-B; VEJAM; PRO245; VE-JAM; C21orf43
NCBI Protein Information	junctional adhesion molecule B
UniProt Protein Name	Junctional adhesion molecule B
UniProt Gene Name	JAM2
UniProt Synonym Gene Names	C21orf43; VEJAM; JAM-B; JAM-2; VE-JAM
UniProt Entry Name	JAM2_HUMAN

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.

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