

Vascular cell adhesion protein 1 (Vcam1) Recombinant Protein | Vcam1 recombinant protein

Recombinant Rat Vascular cell adhesion protein 1 (Vcam1), partial

CATALOG # AAA116186	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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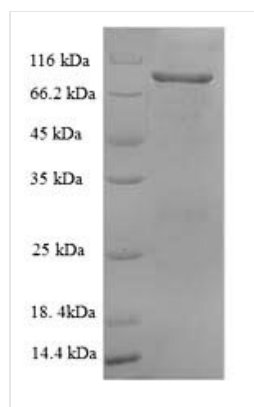
PRODUCT SYNONYMS

Vascular cell adhesion protein 1 (Vcam1); Recombinant Rat Vascular cell adhesion protein 1 (Vcam1); partial; CD106; Vcam1 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	31-697aa; Partial
Sequence	PEYKTLAQIG DSMLLTCTT GCESPSFSWR TQIDSPNGK VKTEGAKSVL TMDPVSFENE HSYLCTATCN SGKLERGIQV DIYSFPKDPE IQFSGPLEVG KPMVMKCLAP DVYPIDRLEI ELFKGDRLMK KQDFVDEMAK KSLETKSLEV IFTPVIEDIE KALVCRAKLY IDQTD SIPKE RETVRELQVY TSPKNTAISV HPSTRLHEGA AVTMTCASEG LPAPEIFWSK KLDNGVLQLL SGNATLTIA MRMEDSGIYV CEGVNLVGRD KTEVELIVQE KPFTVDISPG SQVAAQVGDS VVLTCAAVGC DSPSFSWRTQ TDSPLNGEVR DEGATSTLTL SPVGVEDEHS YLCTVTCQRR KLEKTIQEV YSFPEDPEIE ISGPLVHGRP VTNCTV PNV YPFDHLEIEL LKGETTLLNK FLREEIGTKS LETKSLEMTF IPTAEDTGKA LVCLAKLHSS QMESEPKQRQ STQTLVNVVA PKEPTI WVSP SPVPEEGSPV NLTCSSDGFP TPKILWSRQL KNGELQPLSQ NTTLSFMATK MEDSGIYVCE GINEAGISKK SVELIIQGSS KDIQLTVFPS KSVKEGDTVI ISCTCGSVPE IWILKKKAK TGDMLKSVN GSYTIRKAQL QDAGVYECES KTEVGSQLRS LTLDVKGKEN NKDYFSP
Sequence Length	697
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 Vcam1 recombinant protein	Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte igration to sites of inflammation.
References	Cloning of murine and rat vascular cell adhesion molecule-1.Hession C., Moy P., Tizard R., Chisholm P., Williams C., Wysk M., Burkly L., Miyake K., Kincade P., Lobb R.Biochem. Biophys. Res. Commun. 183:163-169(1992) Nucleotide sequence of rat vascular cell adhesion molecule-1 cDNA.Williams A.J., Atkins R.C., Fries J.W.U., Gimbrone M.A. Jr., Cybulsky M.I., Collins T.Biochim. Biophys. Acta 1131:214-216(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981700
NCBI GeneID	25361
NCBI Accession #	NP_037021.1
NCBI GenBank Nucleotide #	NM_012889.1
UniProt Accession #	P29534; Q5FVS3; Q63669
Molecular Weight	77.4 kDa
NCBI Official Full Name	vascular cell adhesion protein 1
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	Vcam1
NCBI Official Synonym Symbols	VCAM1B
NCBI Protein Information	vascular cell adhesion protein 1
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	Vcam1
UniProt Synonym Gene Names	Vcam-1; V-CAM 1; VCAM-1
UniProt Entry Name	VCAM1_RAT

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.