

Recombinant Mouse Vcam1 Protein, His-tagged

Cat. No. Vcam1-7363M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vcam1 protein with a His tag was expressed in insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	25-698
Description	Broad expression in liver E18 (RPKM 27.1), limb E14.5 (RPKM 20.2) and 18 other tissues
Form	Liquid
Molecular Mass	75.4 kDa
AA Sequence	FKIEISPEYKTIAQIGDSMALTCSTTGCEsplFSWRTQIDsplNAKVRTEGSKSVLTME PVSFENEHSYLCTATCGSGKLSIHVDIYSFPKDPEIQFSGPLEVGKPVTVKCLAPD IYPVYRLEIDLFGDQLMNRQEFSSSEMTKSLETKSLEVTFTPVIEDIGKALVCRAKLH IDQIDSTLKERETVKELQVYISPRNTTISVHPSTRLQEGGAVTMTCSSEGLPAPEIFW GRKLDNEVLQLLSGNATLTIAMRMEDSGVYVCEGVNLIGRDKAEEVELVVQEKPFIV DISPGSQVAAQVGDSVVLTCAAIGCDSPSFSWRTQTDSPLNGVVRNEGAKSTLVLS SVGFEDHSYLCAVTCLQRTLEKRTQVEVYSFPEDPVIKMSGPLVHGRPVTVNCTV PNVYPFDHLEIELLKGETTLMKKYFLEEMGIKSLETKILETTFIPTIEDTGKSLVCLARL HSGEMESEPKQRQSVQPLYVNVAPKETTIWVSPSPILEEGSPVNLTCSSDGIPAPKIL WSRQLNNGELQPLSENTTLTFMSTKRDDSGIYVCEGINEAGISRKSVELIIQVSPKDI

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	QLTVFPSKSVKEGDTVIISCTCGNVPETWILKKKAKTGDMVLKSVDGSYTIRQAQLQ DAGIYECESKTEVGSQLRSLTLDVKGKEHNKNYFSPELEHHHHHH
Endotoxin	< 1.0 EU/μg of protein (determined by LAL method)
Purity	> 95 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

GENE INFORMATION

Gene Name	Vcam1 vascular cell adhesion molecule 1 [Mus musculus (house mouse)]
Official Symbol	Vcam1
Synonyms	Vcam1; vascular cell adhesion molecule 1; Vcam; CD106; Vcam-1; vascular cell adhesion protein 1; V-CAM 1
Gene ID	22329
mRNA Refseq	NM_011693
Protein Refseq	NP_035823

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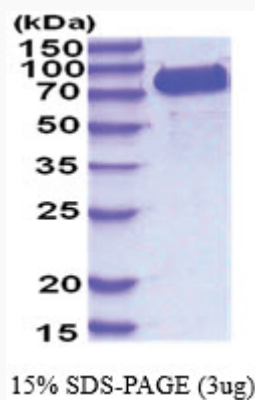
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UniProt ID

Q3UPN1

SDS-PAGE



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