



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

<b>Product Code</b>	CSB-EP025809RA1
<b>Relevance</b>	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 migration to sites of inflammation.
<b>Abbreviation</b>	Recombinant Rat Vcam1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P29534
<b>Alias</b>	CD106
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	PEYKTLAQIGDSMLLTCSTTGCESPFSWRTQIDSPLNGKVKTEGAKSVLTMD PVSFENEHSYLCTATCNSGKLERGIQVDIYSFPKDPEIQFSGPLEVGKPVMMVKC LAPDVYPIDRLEIELFKGDRMLMKKQDFVDEMAKKSLETKSLEVIFTPVIEDIEKAL VCRAKLYIDQTD SIPKERETVRELQVYTSPKNTEISVHPSTRLHEGAAVTMTCA SEGLPAPEIFWSKKLDNGVLQLLSGNATLTLIAMRMEDSGIYVCEGVNLVGRD KTEVELIVQEKPFVTDISPGSQVAAQVGDSVVLTC AAVGCDSPFSWRTQTDS PLNGEVRDEGATSTLTLSPVGVEDEHSYLCTVTCQRRKLEKTIQVEVYSFPED PEIEISGPLVHGRPVTVNCTV PNVYPFDHLEIELLKGETLLNKFLREEIGTKSLE TKSLEMTFIPTAEDTGKALVCLAKLHSSQMESEPKQRQSTQTLVNVVAPKEPTI WVSPSPVPEEGSPVNLTCSSDGFPTPKILWSRQLKNGELQPLSQNTTLSFMA TKMEDSGIYVCEGINEAGISKKSVELIQGSSKDIQLTVFPSKSVKEGDTVIIISCT CGSVPEIWIILKKKAKTGDMVLKSVNGSYTIRKAQLQDAGVYECESKTEVGSQ RSLTLDVKGKENNKDYFSP
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	Vcam1
<b>Expression Region</b>	31-697aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged

