



Recombinant Human Vascular cell adhesion protein 1 (VCAM1)

Product Code	CSB-EP025809HU-B
Storage	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.
Uniprot No.	P19320
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	FKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPLNGKVTNEGTTSTLTMNPVSGNEHSYLCTATCESRKLEKGIQVEIYSFPKDPEIHLSGPLEAGKPI TVKCSVADVYPFDRLEIDLLKGDHLMKSQEFLEADRKSLETKSLEVTFTPVIE DIGKVLVCRAKLHIDEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGS VTMTCSSEGLPAPEIFWSKLDNGNLQHLSGNATLTLIAMRMEDSGIYVCEGV NLIGKNRKEVELIVQEKPFTVEISPGPRIAAQIGDSVMLTCSVMGCESPSFSWR TQIDSPLSGKVRSEGNTSTLTLSPVSFENEHSYLCTVTCGHKKLEKGIQVELYS FPRDPEIEMSGGLVNGSSVTV SCKVPSVYPLDRLEIEILLKGETILENIEFLEDTD MKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQRQSTQTLYVNVAP RDTTVLVSPSSILEEGSSVNMTCLSQGFPAKILWSRQLPNGELQPLSENATLT LISTKMEDSGVYLCEGINQAGRSRKEVELIIQVTPKDIKLTAFPSVKEGDTVII SCTCGNVPETWILKKAETGDTV LKSIDGAYTIRKAQLKDAGVYECESKNKVG SQLRSLTLDVQGRENNKDYFSPE
Research Area	Cell Adhesion
Source	E.coli
Target Names	VCAM1
Protein Names	Recommended name: Vascular cell adhesion protein 1 Short name= V-CAM 1 Short name= VCAM-1 Alternative name(s): INCAM-100 CD_antigen= CD106
Expression Region	25-698aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different



isoforms have been described for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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