



Recombinant Human Vascular cell adhesion protein 1 (VCAM1), partial

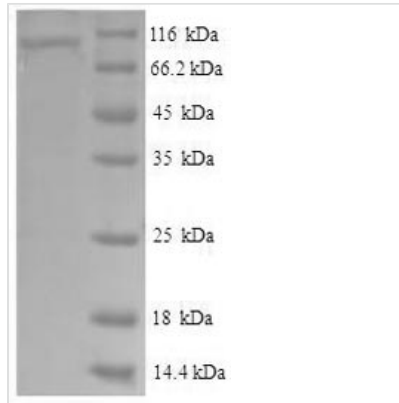
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|--------------------------|---|
| Product Code | CSB-EP025809HU |
| Relevance | Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and 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. |
| Abbreviation | Recombinant Human VCAM1 protein, partial |
| 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 |
| Alias | INCAM-100; CD106 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | FKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPLNGKVTNEGTTSTLTMNPVSGNEHSYLCTATCESRKLEKGIQVEIYSFPKDPEIHLSGPLEAGKPI TVKCSVADVYPFDRLEIDLLKGDHLMKSQEFLEDADRKSLETKSLEVTFTPIE DIGKVLVCRAKLHIDEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGS VTMTCSSEGLPAPEIFWSKKLDNGNLQHLSGNATLTLIAMRMEDSGIYVCEGV NLIGKNRKEVELIVQEKPFTVEISPGPRIAAQIGDSVMLTCSVMGCESPSFSWR TQIDSPLSGKVRSEGTNSTLTLSPVSFENEHSYLCTVTCGHHKLEKGIQVELYS FPRDPEIEMSGGLVNGSSVTVSKVPSVYPLDRLEIELLKGETILENIEFLEDTD MKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQRQSTQTLVNVAP RDTTVLVSPSSILEEGSSVNMTCLSQGFPAPKILWSRQLPNGELQPLSENATLT LISTKMEDSGVYLCEGINQAGRSRKEVELIIQVTPKDIKLTAFPSVKEGDTVII SCTCGNVPETWILKKAETGDTVLKSIDGAYTIRKAQLKDAGVYECESKNKVG SQLRSLTLDVQGRENNKDYFSPE |
| Research Area | Cell Adhesion |
| Source | E.coli |
| Target Names | VCAM1 |
| Expression Region | 25-698aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-SUMO-tagged |



Mol. Weight 90.2kDa

Protein Length Extracellular Domain

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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