

Recombinant Human VCAM1 protein, GST-tagged

Cat. No. VCAM1-1831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCAM1 protein(341-739 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	341-739 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	ESPFSWRTQIDSPLSGKVRSEGTNSTLTLSPVSFENEHSYLCTVTCGHKKLEKGIQ VELYSFPRDPEIEMSGGLVNGSSVTVSCKVPSVYPLDRLEIELLKGETILENIEFLEDT DMKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQRQSTQTLVNVAPRD TTVLVSPSSILEEGSSVNMTCLSQGFPAPKILWSRQLPNGELQPLSENATLTLISTKM EDSGVYLCEGINQAGRSRKEVELIIQVTPKDIKLTAFPSSESVKEGDTVIIISCTCGNVPE TWIILKKAETGDTVLSIDGAYTIRKAQLKDAGVYECESKNKVGSQLRSLTLDVQGR ENNKDYFSPELLVLYFASSLIIPAIGMIIYFARKANMKGSYSLVEAQKSKV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name VCAM1 vascular cell adhesion molecule 1 [Homo sapiens]

Official Symbol VCAM1

Synonyms VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; CD106; CD106 antigen; INCAM-100; MGC99561; DKFZp779G2333;

Gene ID 7412

mRNA Refseq NM_001078

Protein Refseq NP_001069

MIM 192225

UniProt ID P19320

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