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# VCAM1 Human, sf9

*Vascular cell adhesion molecule 1 Human Recombinant, sf9*
*RCP2548*

## Product Overview

| | |
|---|---|
| Name | VCAM1 Human, sf9 |

**Description**

Vascular cell adhesion molecule 1 Human Recombinant, sf9

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| Accession (Primary) | P19320 |

**Synonyms**

Vascular Cell Adhesion Molecule 1, CD106 Antigen, INCAM-100 , Vascular Cell Adhesion Protein 1, V-CAM 1, VCAM-1, CD106, L1CAM.

**Introduction**

VCAM1 is a member of the Ig superfamily. It is a cell surface sialoglycoprotein expressed by cytokine activated endothelium. VCAM-1 contains 6 or 7 immunoglobulin domains, and is expressed on both large and small vessels only after the endothelial cells are stimulated by cytokines. The protein has a number of functions including the regulation of leukocyte migration, leukocyte endothelial cell adhesion and signal transduction and may play a role in a number of inflammatory diseases (artherosclerosis and rheumatoid arthritis).

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

VCAM1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 90.0% as determined by SDS-PAGE.

**Amino acid sequence**

ADPEF FKIET TPESRYLAQI GDSVSLTCST TGCESPFFSW RTQIDSPLNG KVTNEGTTST LTMNPVSFGN EHSYLCTATC ESRKLEKGIQ VEIYSFPKDP EIHLSGPLEA GKPITVKCSV ADVYPFDRLE IDLLKGDHLM KSQEFLEDAD RKSLETKSLE VTFTPVIEDI GKVLVCRAKL HIDEMDSVPT VRQAVKELQV YISPKNTVIS

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VNPSTKLQEG GSVTMTCSSE GLPAPEIFWS KKLDNGNLQH LSGNATLTLI AMRMEDSGIY VCEGVNLIGK NRKEVELIVQ EKPFTVEISP GPRIAAQIGD SVMLTCSVMG CESPSFSWRT QIDSPLSGKV RSEGTNSTLT LSPVSFENEH SYLCTVTCGH KKLEKGIQVE LYSFPRDPEI EMSGGLVNGS SVTVSCKVPS VYPLDRLEIE LLKGETILEN IEFLEDTDMK SLENKSLEMT FIPTIEDTGK ALVCQAKLHI DDMEFEPKQR QSTQTLYVNV APRDTTVLVS PSSILEEGSS VNMTCLSQGF PAPKILWSRQ LPNGELQPLS ENATLTLIST KMEDSGVYLC EGINQAGRSR KEVELIIQVT PKDIKLTAFP SESVKEGDTV IISCTCGNVP ETWIILKKKA ETGDTVLKSI DGAYTIRKAQ LKDAGVYECE SKNKVGSQLR SLTLDVQGRE NNKDYFSPE H HHHHH .

**Precautions**

VCAM1 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P19320 )