

VCAM1 Vascular Cell Adhesion Molecule 1 Rabbit Recombinant Protein

Catalog Number: PROTQ865F2

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 (atherosclerosis and rheumatoid arthritis).

Overview

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| Product Name | VCAM1 Vascular Cell Adhesion Molecule 1 Rabbit Recombinant Protein |
| Description | VCAM1 Rabbit Recombinant is expressed in insect cells and containing 674 amino acids (a.a. 25-698) fused to a N-terminal hexahistidine tag, having a total MW of 77.06kDa. |
| Size | 2ug, 10ug, 0.1mg |
| Tag | |
| Form | Sterile Filtered colorless solution. |
| Source | Baculovirus sytem, insect cells. |
| Formulation | The VCAM1 solution (1mg/ml) contains 50mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5. |

Concentration

Storage

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% as determined by SDS-PAGE.

Amino Acid Sequence

AFKIETFPESRSLAQIGDSVSLTCTTTGCASPTFSWRTQIDSPLNKGVRSEGTTSTLTMDPVSFENEHSYLCTATCESKKLEKGIQVEIYSFPKDPEIHLSGPL
EVGEPITVKCLVPDVYPFDRLEVDLLKGDYLMKKQDFLEDMDRKSLETKSLEVTFIPVIEDIGKLIVCRAKLHIDEIDSEPKERETTKELQVYISPKNTVISVN

PSTRLQEGGSVTMTCSSEGLPVPEIFWSKKQDNQNLQRLSGNATLTLIAMRMEDSGIYVCEGVNQIGKSRKEVELIVQEKPFTVEISPGPRIAAQIGDPVV
LTCSVRGCETPSFSWRTQIDSPLNGQVTSEGTKSLLTSPVSFENEHSYLCTVTCGHKKLEKGIQVELYSFPRDPEIELSGPPVNGRPVTVSCKVPNVYPFD
XLEIELLKGETMMKNKEFLEEEDKKSLETKSLEMTFIPTMEDTGKVLVCQAKLHIDEMEFEPKQRQSTQPLFVNVAPRDIAVWVSPSSIVEEGRSVNMTC
SSYGLPAPKILWSRQLKNGDLQPLSENTTLALISTKLED SG IYVCEGINLAGKSRKEVELVIQVAPKDIQLTAFPSKSVKEGDTVIISCTCGNVPETWIILKKK
AETGDTVLSIDGAYTIRKAQLEDAGVYECESKNEVGSQLRSITLDVKGRENSKDYFSPE ?/description_after_attributes?

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