9051 Mira Mesa Blvd, #910094
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VCAM1 Human

Vascular Cell Adhesion Molecule 1 Human Recombinant
RCP2546

Product Overview

Name	VCAM1 Human
Description	
Vascular Cell Adhesion Molecule 1 Human Recombinant	
Accession (Primary)	P19320
Synonyms	
Vascular cell adhesion protein 1, V-CAM 1, INCAM-100, CD106, VCAM1, L1CAM, MGC99561, DKFZp779G2333.	
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	
Escherichia Coli.	
Formulation	
VCAM1 is supplied in 10mM Tris-HCl (pH 8), 250mM NaCl, 0.5mM DTT, 1.5mM Cysteine, and 50% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Applications	
VCAM1 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.	
References	
Title: Novel Regulators of Fgf23 Expression and Mineralization in Hyp Bone Publication: Molecular Endocrinology 23.9 (2009): 1505-1518. Link: VCAM1 prospec publication	
Precautions	

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

Target Information: (P19320)