

VCAM1

Recombinant Human Vascular Cell Adhesion Molecule 1 (aa 25-698) His

Catalog No.	CRV104A CRV104B CRV104C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	CD106		
Gene ID:	7412		
Description:	<p>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).</p> <p>VCAM1 Human Recombinant is expressed in <i>E. coli</i> containing 674 amino acids (a.a. 25-698) fused to an amino terminal hexahistidine tag, having a total MW of 78.8kDa.</p>		
Source:	<i>E. coli</i>		
Formulation:	Liquid in 10 mM Tris-HCl, pH 8 + 250 mM NaCl + 0.5 mM DTT + 1.5 mM cysteine + 50% glycerol		
Purity:	> 95% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg VCAM1		
Applications:	<p>Positive control in Western Blot</p> <p>ELISA</p> <p>Immunoprecipitation and other immunological experiments</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	<p>Stable for 2 weeks at 2-4°C or in working aliquots at -20°C for longer storage. Avoid repeated freeze-thaw cycles.</p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

