



Product Datasheet

Product Name	Vascular Cell Adhesion Molecule 1 Human Recombinant
Cata No	CB501007
Source	<i>Escherichia Coli</i> .
Synonyms	Vascular cell adhesion protein 1, V-CAM 1, INCAM-100, CD106, VCAM1, L1CAM, MGC99561, DKFZp779G2333.

Description

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).

Purity

Greater than 95% as determined by SDS-PAGE.

Formulation

VCAM1 is supplied in 10mM Tris-HCl (pH 8), 250mM NaCl, 0.5mM DTT, 1.5mM Cysteine, and 50% Glycerol.

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.