

# Recombinant Human VCAM1 Protein, Fc-tagged, FITC conjugated

**Cat. No.** VCAM1-71HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview** FITC conjugated recombinant human VCAM1 extracellular domain (Met 1-Pro 697) (NP\_001069.1), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species** Human

**Source** HEK293

**ProteinLength** 911

**Form** Lyophilized

**Molecular Mass** The recombinant human VCAM1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 911 amino acids and has a predicted molecular mass of 101 kDa. As a result of glycosylation, the rh VCAM1/Fc monomer migrates as an approximately 130-140 kDa band in SDS-PAGE under reducing conditions.

**Endotoxin** < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**  
 Disulfide-linked homodimer  
 Labeled with FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	VCAM1 vascular cell adhesion molecule 1 [ Homo sapiens ]
<b>Official Symbol</b>	VCAM1
<b>Gene ID</b>	7412
<b>mRNA Refseq</b>	NM_001078
<b>Protein Refseq</b>	NP_001069
<b>MIM</b>	192225
<b>UniProt ID</b>	P19320

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