Recombinant Human VCAM1 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. VCAM1-71HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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