Active Recombinant Human VCAM1 protein, Fc-tagged

Cat. No. VCAM1-2178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCAM1 protein(NP_001069)(Phe 25 - Glu 698), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 25 - Glu 698
Form	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5
Bio-activity	Immobilized Human VCAM-1, Fc Tag at 5 μg/mL (100 μL/well) can bind Human ITGA4&ITGB1 Heterodimer Protein, His Tag&Tag Free with a linear range of 5-156 ng/mL.
Molecular Mass	100.5 kDa
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	VCAM1 vascular cell adhesion molecule 1 [Homo sapiens]
Official Symbol	VCAM1
Synonyms	VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; CD106; CD106 antigen; INCAM-100; MGC99561; DKFZp779G2333;
Gene ID	7412
mRNA Refseq	NM_001078
Protein Refseq	NP_001069
MIM	192225
UniProt ID	P19320

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