Recombinant Human VCAM1 protein, T7-tagged

Cat. No. VCAM1-179H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNAL4 (463aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	463 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELC VTACEKFSNNNESAAKMIKET MDKKFGSSWHVVIGEGFGFEITHEVKNLLYLYFGGT LAVCVWKCS
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro DNAL4 related cellular cargo movement regulation study coating with intracellular protein delivery of this protein.2. May be used as enzymatic subtrate protein for kinase and ubiquitin assay development.3. May be used for mapping DNAL4 protein-protein internaction.4. As antigen for specific antibody production.
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at

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	least 7 days.

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
Chromosome Location	1p32-p31
Pathway	Adaptive Immune System, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cellular roles of Anthrax toxin, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;
Function	cell adhesion molecule binding; cell adhesion molecule binding; integrin binding;

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