Recombinant Human Intercellular Adhesion Molecule-1, His-tagged

Cat. No. ICAM1-278H **Lot. No.** (See product label)

SPECIFICATION

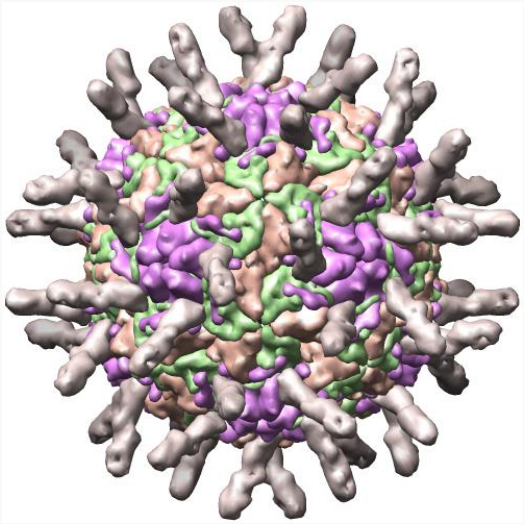
Product Overview	Recombinant Human ICAM-1 comprises a 455 amino acid fragment (28-483) corresponding to the mature extracellular domain of the ICAM protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	28-483 a.a.
Description	ICAM-1 is a single chain membrane glycoprotein expressed on the surface of a variety of nonhaematopoietic and haematopoietic cell types and has roles in signal transduction, cell signalling and lymphocyte adhesion. Soluble ICAM-1 is detectable in the plasma and is elevated in patients with various inflammatory conditions.
Purity	>95% by SDS-PAGE
Applications	ELISA, Western Blot
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

GENE INFORMATION

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Gene Name	ICAM1 intercellular adhesion molecule 1 [Homo sapiens]
Synonyms	Intercellular adhesion molecule; BB2; CD54; cell surface glycoprotein P3.58; human rhinovirus receptor; major group rhinovirus receptor; ICAM1; P3.58; intercellular adhesion molecule 1; ICAM-1; CD54 antigen; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor.
Gene ID	3383
mRNA Refseq	NM_000201
Protein Refseq	NP_000192
MIM	147840
UniProt ID	P05362
Chromosome Location	19p13.3-p13.2
Pathway	Cell adhesion molecules (CAMs); Leukocyte transendothelial migration; Natural killer cell mediated cytotoxicity; Integrin cell surface interactions; Signaling in Immune system
Function	integrin binding; protein binding; transmembrane receptor activity

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PDBrendering based on 1d3e. Available structures:1d3e,1d3i,1d	

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