Recombinant Human ICAM3 Protein, C-His-tagged

Cat. No. ICAM3-060H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM3 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Cell adhesion molecules (CAMs) are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth. These proteins are thought to play an important role in embryogenesis and development. ICAM-3, also designated CD50 and ICAM-R, is a type I membrane protein that is thought to regulate morphological changes during cell locomotion. ICAM-3 acts as a counter-receptor for the leukocyte Integrin αL/β2, and is known to activate T cells and polymorphonuclear leukocytes. ICAM-3 also binds to Moesin, via the cytoplasmic domain of ICAM-3. The expression of ICAM-3 is induced by RANTES, a chemoattractant known to activate T lymphocytes. ICAM-3 is also a major ligand for the leukocyte Integrin LFA-1 (CD11a/CD18).
Molecular Mass	~50 kDa
AA Sequence	QEFLLRVEPQNPVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLS NVTGNSRILCSVYCNGSQITGSSNITVYRLPERVELAPLPPWQPVGQNFTLRCQVED GSPRTSLTVVLLRWEEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQ GLGLFVNTSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPASEAQVYL ALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGGERREARENLTVF

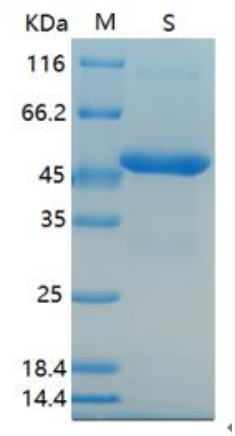
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	SFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVPAAAPGQPAQLQLNATESD DGRSFFCSATLEVDGEFLHRNSSVQLRVLYGPKIDRATCPQHLKWKDKTRHVLQCQ ARGNPYPELRCLKEGSSREVPVGIPFFVNVTHNGTYQCQASSSRGKYTLVVVMDIE AGSSH
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	ICAM3 intercellular adhesion molecule 3 [Homo sapiens (human)]
Official Symbol	ICAM3
Synonyms	ICAM3; intercellular adhesion molecule 3; CD50; CDW50; ICAM R; ICAM-3; intercellular adhesion molecule-3; ICAM-R;
Gene ID	3385
mRNA Refseq	NM_002162
Protein Refseq	NP_002153

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MIM	146631
UniProt ID	P32942
SDS-PAGE	 SDS-PAGE Result

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