

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	<p>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 $\alpha L/\beta 2$, 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).</p>
Molecular Mass	~50 kDa
AA Sequence	<p>QEFLLRVEPQNPVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLS NVTGNSRILCSVYCNGSQITGSSNITVYRLPERVELAPLPPWQPVGQNFTLRCQVED GSPRTSLTVLLRWEEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQ GLGLFVNTSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPASEAQVYL ALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGGERREARENLTVF</p>

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SFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVPAAAPGQPAQLQLNATESD
 DGRSFFCSATLEVDGEFLHRNSSVQLRVLYGPKIDRATCPQHLLKWKDKTRHVLQCC
 ARGNPYPELRCLKEGSSREVPVGIPFFVNVTHNGTYQCQASSSRGKYTLVVMDIE
 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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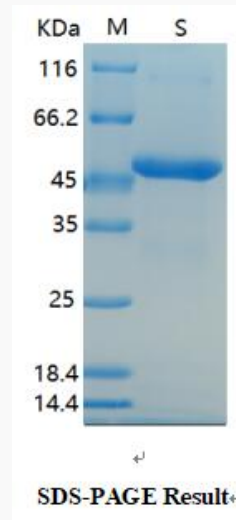
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MIM 146631

UniProt ID P32942

SDS-PAGE



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