

Recombinant Human ICAM3 Protein, GST-tagged

Cat. No. ICAM3-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ICAM3 full-length ORF (AAH58903, 30 a.a. - 547 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	30-547
Description	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule.
Molecular Mass	82.72 kDa
AA Sequence	QEFLLRVEPQNPNVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLS NVTGNSRILCSVYCNGSQITGSSNITVYRLPERVELAPLPWQPVGQNFTLRCQVED GSPRTSLTVLLRWEEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQ GLGLFVNTSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPASEAQVYL ALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGGERREARENLTVF SFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVPAAAPGQPAQLQLNATESD

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DGRSFFCSATLEVDGEFLHRNSSVQLRVLYGPKIDRATCPQHLKWKDKTRHVLQCQ
 ARGNPYPELRCLKEGSSREVPVGIPFFVNVTHNGTYQCQASSSRGKYTLVVMDIE
 AGSSHFPVPFVAVLLTLGVVTIVLALMYVFREHQRSYSYHVREESTYLPLTSMQPTE
 AMGEEPSRAE

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; intercellular adhesion molecule 3; ICAM-3

Gene ID 3385

mRNA Refseq NM_002162

Protein Refseq NP_002153

MIM 146631

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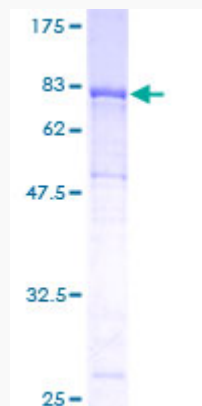
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UniProt ID

P32942

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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