Recombinant Full Length Human ICAM3 Protein, GST-tagged

Cat. No. ICAM3-6857HF **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	In Vitro Cell Free System
ProteinLength	30 amino acids
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	QEFLLRVEPQNPVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLS NVTGNSRILCSVYCNGSQITGSSNITVYRLPERVELAPLPPWQPVGQNFTLRCQVED GSPRTSLTVVLLRWEEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQ GLGLFVNTSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPASEAQVYL ALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGGERREARENLTVF SFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVPAAAPGQPAQLQLNATESD

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	DGRSFFCSATLEVDGEFLHRNSSVQLRVLYGPKIDRATCPQHLKWKDKTRHVLQCQ ARGNPYPELRCLKEGSSREVPVGIPFFVNVTHNGTYQCQASSSRGKYTLVVVMDIE AGSSHFVPVFVAVLLTLGVVTIVLALMYVFREHQRSGSYHVREESTYLPLTSMQPTE 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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UniProt ID	P32942

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