

Recombinant Human ICAM3 Protein

Cat. No. ICAM3-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ICAM3 full-length ORF (AAH58903.1) recombinant protein without tag was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Form	Liquid
Molecular Mass	59.5 kDa
AA Sequence	MATMVPSVLWPRACWTLLVCCLLTPGVQGQEFLLRVEPQNPVLSAGGSLFVNCST DCPSSEKIALETSLSKELVASGMGWAAFNLSNVTGNSRILCSVYCNGSQITGSSNITV YRLPERVELAPLPWPVQGNFTLRCQVEDGSPRTSLTVVLLRWEEELSRQPAVEE PAEVTATVLASRDDHGFSCRTSLDMQPQGLGLFVNTSAPRQLRTFVLPVTPPRL VAPRFLEVETSWPVDCTLDGLFPASEAQVYLALGDQMLNATVMNHGDTLTATATAT ARADQEGAREIVCNVTLGGERREARENLTVFSFLGPIVNLSEPTAHEGSTVTVSCMA

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GARVQVTLDGVPAAAPGQPAQLQLNATESDDGRSFFCSATLEVDGEFLHRNSSVQ
LRVLYGPKIDRATCPQHLKWKDKTRHVLQCQARGNPYPELRCLKEGSSREVPVGIP
FFVNVTHNGTYQCQASSSRGKYTLVVMDIEAGSSHFVPVFVAVLLTLGVVTIVLAL
MYVFREHQRSYHVVREESTYLPLTSMQPTEAMGEEPSRAE

Applications Antibody Production

Usage Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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