

Recombinant Full Length Human ICAM1 Protein, C-Flag-tagged

Cat. No. ICAM1-1179HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ICAM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.2 kDa
AA Sequence	MAPSSPRPALPALLVLLGALFPGPGNAQTSVSPSKVILPRGGSVLVTCSTSCDQPKL LGIETPLPKKELL LPGNNRKVYELSNVQEDSQPMCYSNCPDGQSTAKTFLTIVYWTP ERVELAPLPSWQPVGKNLTLRCQVEGG APRANLTVLLRGEKELKREPAVGEPAE VTTTVLVRRDHHGANFSCRTELDLRPQGLELFENTSAPYQLQ TFLPATPPQLVSP RVLEVDTQGTVVCSLDGLFPVSEAQVHLALGDQRLNPTVTYGNDSFSAKASVSVTA EDEGTQRLTCAVILGNQSQETLQTVTIYSFPAPNVILTKPEVSEGTEVTVKCEAHPRA KVTLNGVPAQPL GPRAQLLLKATPEDNGRSFSCSATLEVAGQLIHKNTRELRLVLY GPRLDERDCPGNWTWPENSQQTPMCQ AWGNPLPELKCLKDGTFFLPIGESVTVT RDLEGTYLCRARSTQGEVTREVTNVNLSPRYEIVITVVA

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VIMGTAGLSTYLYNRQRKIKKYRLQQAQKGTPMKPNTQATPPTTRTRPLEQKLISEED
LAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Viral myocarditis
Full Length	Full L.

GENE INFORMATION

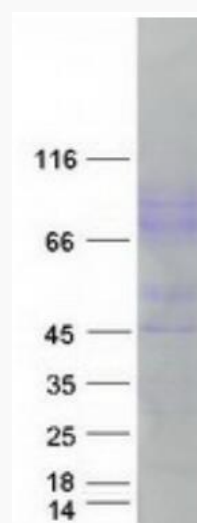
Gene Name	ICAM1 intercellular adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	ICAM1
Synonyms	BB2; CD54; P3.58
Gene ID	3383

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mRNA Refseq	NM_000201.3
Protein Refseq	NP_000192.2
MIM	147840
UniProt ID	P05362



Coomassie blue staining of purified ICAM1 protein.