

## Recombinant Human ICAM2 Protein, His-tagged

Cat. No. ICAM2-178H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ICAM2, transcript variant 5, fused with His tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, 2mM CaCl <sub>2</sub> , 2mM MgCl <sub>2</sub> , 5% Threhalose, pH 7.2
<b>Molecular Mass</b>	23.13kD
<b>AA Sequence</b>	KVFEVHVRPKKLAVEPKGSLEVNCSTTCNQPEVGGLETSLDKILLDEQAQWKHYLV SNISHDTVLQCHFTCSGKQESMNSNVSVYQPPRQVILTLQPTLVAVGKSFTIECRVP TVEPLDSLTLFLFRGNETLHYETFGKAAPAPQEATATFNSTADREDGHRNFSCLAVL DLMSRGGNIFHKHSAPKMLEIYEPVSDSQVDHHHHHH

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<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	ICAM2 intercellular adhesion molecule 2 [ Homo sapiens ]
<b>Official Symbol</b>	ICAM2
<b>Synonyms</b>	ICAM2; intercellular adhesion molecule 2; CD102; ICAM-2;
<b>Gene ID</b>	3384
<b>mRNA Refseq</b>	NM_000873
<b>Protein Refseq</b>	NP_000864
<b>MIM</b>	146630
<b>UniProt ID</b>	P13598

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