Recombinant Human ICAM2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ICAM2, transcript variant 5, fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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 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.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 2mM CaCl2, 2mM MgCl2, 5% Threhalose, pH 7.2
Molecular Mass	23.13kD
AA Sequence	KVFEVHVRPKKLAVEPKGSLEVNCSTTCNQPEVGGLETSLDKILLDEQAQWKHYLV SNISHDTVLQCHFTCSGKQESMNSNVSVYQPPRQVILTLQPTLVAVGKSFTIECRVP TVEPLDSLTLFLFRGNETLHYETFGKAAPAPQEATATFNSTADREDGHRNFSCLAVL DLMSRGGNIFHKHSAPKMLEIYEPVSDSQVDHHHHHH

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

GENE INFORMATION

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

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