

Recombinant Human ICAM2 Protein, His-tagged

Cat. No. ICAM2-293H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ICAM2 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	275
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
Molecular Mass	23.3 kDa
AA Sequence	MSSFGYRTLTVLFTLICCPGSDEKVFVHVRPKKLAVEPKGSLEVNCSTTCNQPEV GGLETSLDKILLDEQAQWKHYLVSNISHDTV LQCHFTCSGKQESMNSNVSVYQPPR QVILTLQPTLVAVGKSFTIECRVPTVEPLDSLTLFLFRGNETLHYETFGKAAPAQEAT ATFNSTADREDGHRNFSCLAVLDLMSRGGNIFHKHSAPKMLEIYEPVSDSQMVIIVT

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VVSVLLSLFVTSVLLCFIFGQHLRQQRMGTYGVRAAWRRLPQAFRP

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name ICAM2 intercellular adhesion molecule 2 [Homo sapiens (human)]

Official Symbol ICAM2

Synonyms ICAM2; intercellular adhesion molecule 2; CD102; ICAM-2;

Gene ID 3384

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mRNA Refseq	NM_000873
Protein Refseq	NP_000864
MIM	146630
UniProt ID	P13598

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