

Recombinant Human ICAM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ICAM2-1299H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ICAM2 MS Standard C13 and N15-labeled recombinant protein (NP_001093259) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	30.7 kDa
AA Sequence	MSSFGRYRTLVALFTLICCPGSDEKVFEVHVRPKKLAVEPKGSLEVNCSTTCNQPEV GGLETSLDKILLDEQAQWKHYLVSNISHDTVLQCHFTCSGKQESMNSNVSVYQPPR QVILTLQPTLVAVGKSFTIECRVPTVEPLDSLTLFLFRGNETHYETFGKAAPAPQEAT ATFNSTADREDGHRNFSCLAVLDLMSRGGNIFHKHSAPKMLEIYEPVSDSQMVIIVT VVSVLLSLFVTSVLLCFIFGQHLRQQRMGTYGVRAAWRRLPQAFRPTTRTRPLEQKLI

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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
mRNA Refseq	NM_001099789
Protein Refseq	NP_001093259
MIM	146630
UniProt ID	P13598

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