

Recombinant Human Intercellular Adhesion Molecule 2

Cat. No. ICAM2-1626H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	Mammalian Cells
Description	<p>Intercellular adhesion molecule 2 (ICAM2), also known as CD102 (Cluster of Differentiation 102), is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins that 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.</p>
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Molecular Weight	<p>The predicted molecular weight of Recombinant Human ICAM-2 is Mr 50 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 86 kDa.</p>
Storage And Stability	<p>This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C</p>

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for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

Gene Name	ICAM2 intercellular adhesion molecule 2 [Homo sapiens]
Synonyms	intercellular adhesion molecule 2; CD102; ICAM2; ICAM-2; CD102 antigen
Gene ID	3384
mRNA Refseq	NM_000873
Protein Refseq	NP_000864
MIM	146630
UniProt ID	P13598
Chromosome Location	17q23-q25
Pathway	Cell adhesion molecules (CAMs); Natural killer cell mediated cytotoxicity; Integrin cell surface interactions; Signaling in Immune system
Function	integrin binding; protein binding

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