Recombinant Human ICAM2 Protein, His-tagged

Cat. No. ICAM2-2267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM2 Protein (Lys34-Ile241) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys34-Ile241
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.49 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).

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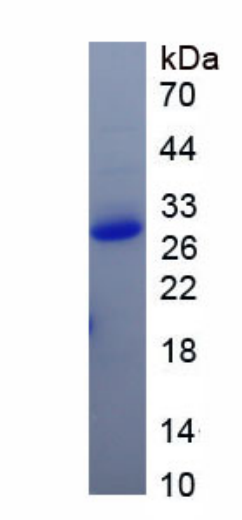
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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_000873
Protein Refseq	NP_000864

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MIM	146630
UniProt ID	P13598



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