

## Recombinant Human ICAM3 protein, His & T7-tagged

Cat. No. ICAM3-2754H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ICAM3 aa. (Gly259~Val491 (Accession # P32942)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly259~Val491
<b>Description</b>	<p>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 is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 29.0kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 6.7.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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°C 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

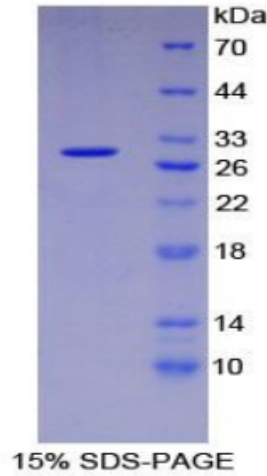
<b>Gene Name</b>	ICAM3 intercellular adhesion molecule 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ICAM3
<b>Synonyms</b>	CD50; CDW50; ICAM-R; ICAM-3; intercellular adhesion molecule 3
<b>Gene ID</b>	3385
<b>mRNA Refseq</b>	NM_001320605.1
<b>Protein Refseq</b>	NP_001307534.1
<b>UniProt ID</b>	P32942

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SDS-PAGE



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