

Active Recombinant Human ICAM3 protein, His-tagged

Cat. No. ICAM3-3164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM3 protein(CAA49369.1)(Met1-His485), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-His485
Form	Lyophilized from sterile PBS, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of PMA-stimulated HSB2 human peripheral blood acute lymphoblastic leukemia cells.When cells are added to ICAM3-coated plates (12.5 µg/mL , 100 µL/well), approximately >25% cells will adhere specifically.
Molecular Mass	The recombinant human ICAM3 consists of 467 amino acids after removal of the signal peptide and predicts a molecular mass of 50.8 kDa. By SDS-PAGE, the apparent molecular mass of rh ICAM3 is approximately 100-120 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ICAM3 intercellular adhesion molecule 3 [Homo sapiens]
Official Symbol	ICAM3
Synonyms	ICAM3; intercellular adhesion molecule 3; CD50; CDW50; ICAM R; ICAM-3; intercellular adhesion molecule-3; ICAM-R;
Gene ID	3385
mRNA Refseq	NM_002162
Protein Refseq	NP_002153
MIM	146631
UniProt ID	P32942

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