Recombinant Human ICAM1 protein, His-tagged

Cat. No. ICAM1-2364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM1 protein(AAH15969)(Gln28-Glu480), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln28-Glu480
Tag	C-His
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ICAM-1, His Tag at 1μg/ml (100μl/Well) on the plate. Dose response curve for Anti-ICAM-1 Antibody, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.6 kDa. Due to glycosylation, the protein migrates to 68-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

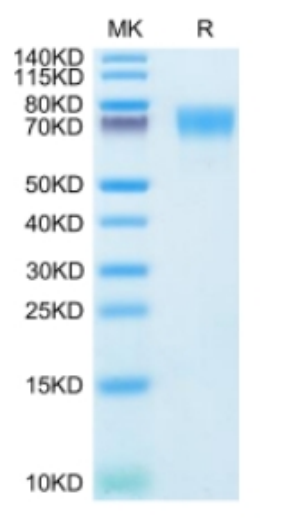
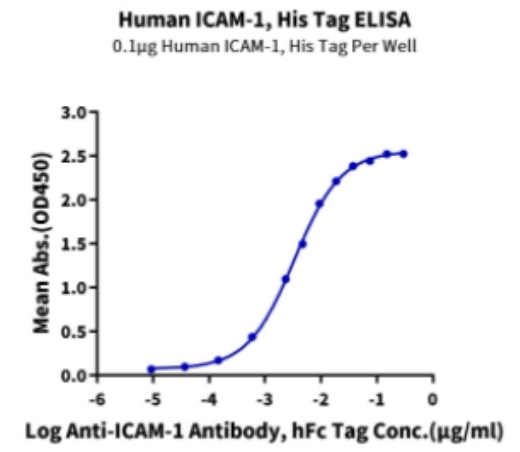
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	ICAM1 intercellular adhesion molecule 1 [Homo sapiens]
Official Symbol	ICAM1
Synonyms	ICAM1; intercellular adhesion molecule 1; BB2; CD54; human rhinovirus receptor; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; P3.58;
Gene ID	3383
mRNA Refseq	NM_000201
Protein Refseq	NP_000192
MIM	147840
UniProt ID	P05362

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Tris-Bis PAGE	
ELISA Data	

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