

## Active Recombinant Mouse Icam1 protein(Met1-Asn485), His-tagged

**Cat. No.** Icam1-2293M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ICAM1 (NP_034623.1) (Met 1-Asn 485) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn485
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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 mouse ICAM1 coated plates (12.5 µg/mL, 100 µL/well), approximately > 40% cells will adhere specifically.
<b>Molecular Mass</b>	The recombinant mouse ICAM1 consists of 469 amino acids after removal of the signal peptide. and has a predicted molecular mass of 51.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm ICAM1 is approximately 80-90 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.

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<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">Icam1</a> <a href="#">intercellular adhesion molecule 1</a> [ <a href="#">Mus musculus</a> ]
<b>Official Symbol</b>	<a href="#">Icam1</a>
<b>Synonyms</b>	ICAM1; intercellular adhesion molecule 1; myD10; CD54; Ly-47; Icam-1; MALA-2; MGC6195;
<b>Gene ID</b>	<a href="#">15894</a>
<b>mRNA Refseq</b>	<a href="#">NM_010493</a>
<b>Protein Refseq</b>	<a href="#">NP_034623</a>

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