

Recombinant Mouse Icam1 Protein, His-tagged

Cat. No. ICAM1-23M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Icam1(28-485aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	28-485aa
Description	ICAM1, also known as intercellular adhesion molecule 1, belongs to the ICAM proteins. The proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	51.2kDa (466aa) 70-100KDa (SDS-PAGE under reducing conditions.)
AA Sequence	QVSIHPREAF LPQGGSVQVN CSSSCKEDLS LGLETQWLKD ELESVPNWKL FELSEIGEDS SPLCFENCGT VQSSASATIT VYSFPESVEL RPLPAWQQVGKDLTLRCHVD GGAPRTQLSA VLLRGEEILS RQPVGGHPKD PKEITFTVLA SRGDHGANFS CRTELDLRPQ GLALFSNVSE ARSLRTFDLP ATIPKLDTPDLLEVGTQQKL FCSLEGLFPA SEARIYLELG GQMPTQESTN SSDSVSATAL VEVTEEFDRIT LPLRCVLELA DQILETQRTL TVYNFSAPVL

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TLSQLEVSEGSQVTVKCEAH SGSKVLLSG VEPRPPTPQV QFTLNASSED
 HKRSFFCSAA LEVAGKFLFK NQTLELHVLY GPRLDETDCL GNWTWQEGSQ
 QTLKCQAWGNPSPKMTERRK ADGALLPIGV VKSVKQEMNG TYVCHAFSSH
 GNVTRNVYLT VLYHSQNNVE HHHHHH

Endotoxin < 1.0 EU per 1 microgram of protein (determined by LAL method)

Purity > 95% by SDS - PAGE.

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [Icam1 intercellular adhesion molecule 1 \[Mus musculus \]](#)

Official Symbol [Icam1](#)

Synonyms ICAM1; intercellular adhesion molecule 1; myD10; CD54; Ly-47; Icam-1; MALA-2; MGC6195;

Gene ID [15894](#)

mRNA Refseq [NM_010493](#)

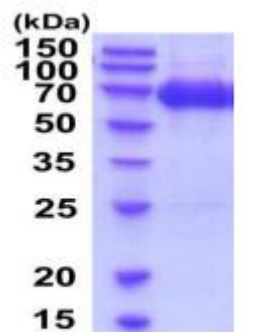
Protein Refseq [NP_034623](#)

UniProt ID [P13597](#)

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15% SDS-PAGE (3ug)

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