

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 | <p>QVSIHPREAF LPQGGSVQVN CSSSCKEDLS LGLETQWLKD ELESVPNWKL FELSEIGEDS SPLCFENCGT VQSSASATIT VYSFPESVEL RPLPAWQQVGKDLTLRCHVD GGAPRTQLSA VLLRGEEILS RQPVGGHPKD PKEITFTVLA SRGDHGANFS CRTELDLRPQ GLALFSNVSE ARSLRTFDLP ATIPKLDTPDLLEVGTQQKL FCSLEGLFPA SEARIYLELG GQMPTQESTN SSDSVSATAL VEVTEEFDRD LPLRCVLELA DQILETQRTL TVYNFSAPVL</p> |

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TLSQLEVSEGSQVTVKCEAH SGSKVLLSG VEPRPPTQV QFTLNASSED
 HKRSFFCSAA LEVAGKFLFK NQTLELHVLY GPRLETDCL 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](#)

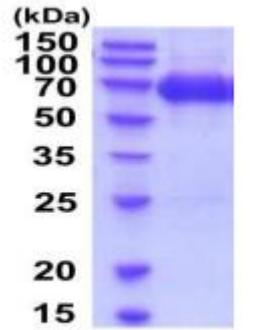
Protein Refseq [NP_034623](#)

UniProt ID [P13597](#)

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15% SDS-PAGE (3ug)

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