

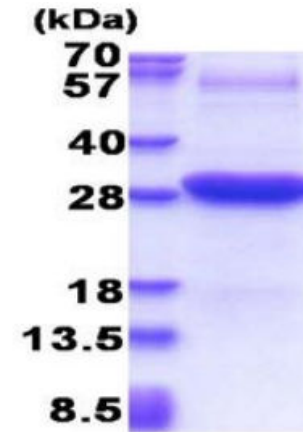
ICAM2, human recombinant

CATALOG #:	7349-50	50 µg
ALTERNATE NAMES:	Intercellular adhesion molecule 2, CD102	
SOURCE:	E. coli	
PURITY:	> 90% by SDS-PAGE	
MOL. WEIGHT:	24.8 kDa (225 aa, 22-223 aa + His Tag), confirmed by MALDI-TOF.	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 1 mM DTT and 10% glycerol.	

STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: ICAM2 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene. Recombinant human ICAM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: MGSSHHHHHH SGLVPRGSH MGSSDEKVFE
VHVRPKKLAV EPKGSLEVNC STTCNQPEVG GLETSLDKIL LDEQAQWKHY
LVSNIHDTV LQCHFTCSGK QESMNSNVSV YQPPRQVILT LQPTLVAVGK
SFTIECRVPT VEPLDSLTLF LFRGNLHY ETFGKAAPAP QEATATFNST
ADREDGHRNF SCLAVLDLMS RGGNIFHKHS APKMLEIYEP VSDSQ



15% SDS-PAGE (3µg)

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RELATED PRODUCTS:

- ICAM-1 Antibody (Cat # 3422R-100)
- ICAM-1 Blocking Peptide (Cat # 3422RBP-50)
- ICAM-1, Human Recombinant (Cat # 7161-10, -50)
- ICAM-2 Antibody (Cat # 3926-100)
- ICAM-2 Blocking Peptide (Cat # 3926BP-50)

FOR RESEARCH USE ONLY! Not to be used in humans.