**BioVision** For research use only

## 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)

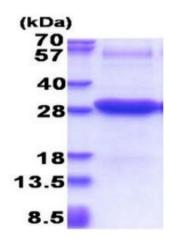
containing 0.15 M NaCl, 1 mM DTT and 10%

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 SSGLVPRGSH MGSSDEKVFE VHVRPKKLAV **EPKGSLEVNC** STTCNQPEVG **GLETSLDKIL LDEQAQWKHY** LQCHFTCSGK **QESMNSNVSV** YQPPRQVILT **LQPTLVAVGK** LVSNISHDTV SFTIECRVPT VEPLDSLTLF LFRGNETLHY ETFGKAAPAP QEATATFNST ADREDGHRNF SCLAVLDLMS RGGNIFHKHS APKMLEIYEP VSDSQ



15% SDS-PAGE (3ug)

ICAM2, human recombinant

## **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.

