

## 32-4002: ICAM2 Recombinant Protein

**Alternative Name :** Intercellular Adhesion Molecule 2,ICAM2,ICAM-2,CD102,CD102 Antigen.

### Description

Source : Escherichia Coli. ICAM2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (22-223) and having a molecular mass of 24.8 kDa.ICAM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Intercellular Adhesion Molecule-2 (ICAM2) belongs to the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, containing 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. The ICAM2 protein has a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. ICAM2 mediates adhesive interactions vital for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and additional cellular interactions essential for immune response and surveillance.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The ICAM2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MGSSDEKVE VHVRPKKLAV EPKGSLEVNC STTCNQPEVG GLETSLDKIL LDEQAQWKHY LVSNIHDTV LQCHFTCSGK QESMNSNVSV YQPPRQVILT LQPTLVAVGK SFTIECRVPT VEPLDSLTLF LFRGNETHY ETFGKAAPAP QEATATFNST ADREDGHRNF SCLAVLDLMS RGGNIFHKHS APKMLEIYEP VSDSQ.