

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

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The ICAM2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSSDEKVFV VHVPRPKLAV EPKGSLEVNC STTCNQPEVG GLETSLDKIL LDEQAQWKHY LVSNIHDTV LQCHFTCSGK QESMNSNVSV YQPPRQVILT LQPTLVAVGK SFTIECRVPT VEPLDSLTLF LFRGNLTLHY ETFGKAAPAP QEATATFNST ADREDGHRNF SCLAVLDLMS RGGNIFHKHS APKMLEIYEP VSDSQ.

