

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

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

