

Product datasheet for **TP727379**

Icam2 Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Mouse Intercellular Adhesion Molecule 2/ICAM-2/CD102 (C-Fc) |
| Species: | Mouse |
| Expression cDNA Clone or AA Sequence: | Lys23-Gln222 |
| Tag: | C-Fc |
| Buffer: | Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0. |
| Note: | Recombinant Mouse Intercellular adhesion molecule 2 is produced by our Mammalian expression system and the target gene encoding Lys23-Gln222 is expressed with a Fc tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 15896 |
| UniProt ID: | P35330 |
| Summary: | ICAM-2 is a 55-65 kD transmembrane glycoprotein possessing 2 extracellular Ig domains, a single transmembrane domain, and a short 26-amino acid cytoplasmic domain. ICAM-2 is expressed on most leukocytes, and is strongly expressed on vascular endothelial cells. Interactions of ICAM-2 and the integrin receptors mediate cell adhesion in a wide range of lymphocyte, monocyte, natural killer cell, and granulocytewith other cells, and play important roles in many adhesion-dependent immune and inflammation responses, such as T cell aggregation, NK-cell cytotoxicity and migration, lymphocyte recirculation, etc. Serum levels of ICAM-2 correlated significantly with the inflammatory and course sequences of trichinosis in mice and had a similar relation with blood eosinophilia. So, estimation of ICAM-2 serum levels may prove useful in diagnosis of trichinosis recent infections, and in monitoring the prognosis and response to treatment. |



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