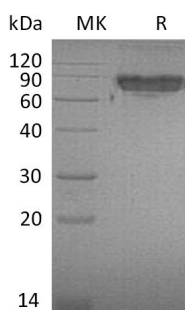


## Summary

|                                 |  |
|---------------------------------|--|
| <b>Name</b>                     | ICAM-2/CD102/Intercellular Adhesion Molecule 2   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE  |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.  |
| <b>Construction</b>             | Recombinant Mouse Intercellular Adhesion Molecule 2 is produced by our Mammalian expression system and the target gene encoding Lys23-Gln222 is expressed with a human IgG1 Fc tag at the C-terminus.  |
| <b>Accession #</b>              | P35330   |
| <b>Host</b>                     | Human Cells  |
| <b>Species</b>                  | Mouse  |
| <b>Predicted Molecular Mass</b> | 49.7 KDa   |
| <b>Formulation</b>              | Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.  |
| <b>Shipping</b>                 | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.   |
| <b>Stability&amp;Storage</b>    | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.   |
| <b>Reconstitution</b>           | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## SDS-PAGE image



## Background

**Product Name: Recombinant Mouse ICAM-2 (C-Fc)**  
**Catalog #: PHM0961**



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**Alternative Names**

Intercellular adhesion molecule 2; Icam2; ICAM-2; Lymphocyte function-associated AG-1 counter-receptor; CD102; Icam-2; CD102 antigen

**Background**

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 granulocyte with 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.

**Note**

For Research Use Only , Not for Diagnostic Use.