

**PRODUCT INFORMATION**

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|---|---|
| <b>Target</b>                           | ICAM1   |
| <b>Synonyms</b>                         | CD54;Ly-47;Icam-1;MALA-2  |
| <b>Description</b>                      | Recombinant mouse ICAM1 protein with C-terminal 6×His tag   |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P13597  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-6×His Tag   |
| <b>Molecular Characterization</b>       | Mouse ICAM1(Gln28-Asn485) 6×His tag   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 51.1 kDa after removal of the signal peptide. The apparent molecular mass of mICAM1-His is approximately 70-130 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| <b>Background</b>                       | This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response. [provided by RefSeq, Aug 2016]   |
| <b>Usage</b>                            | Research use only   |



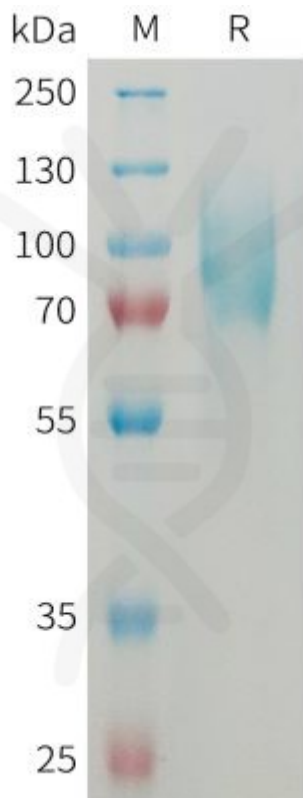


Figure 1. Mouse ICAM1 Protein, His Tag on SDS-PAGE under reducing condition.

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