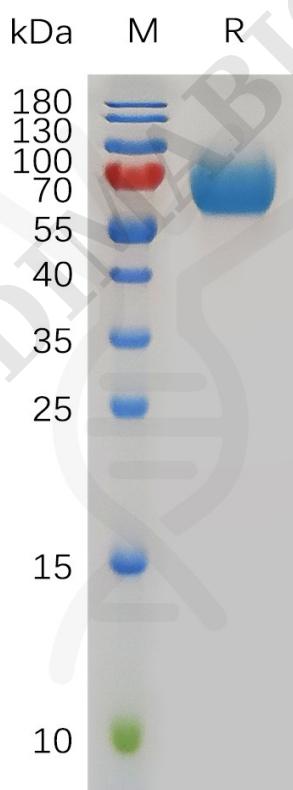


## PRODUCT INFORMATION

|   |   |
|---|---|
| <b>Target</b>                           | CD48  |
| <b>Synonyms</b>                         | BCM1;SLAMF2;BLAST;BLAST1;MEM-102;TCT.1;BCM-1;SLAMF-2;BLAST-1  |
| <b>Description</b>                      | Recombinant mouse CD48 protein with C-terminal human Fc tag   |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P18181  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-Human Fc Tag  |
| <b>Molecular Characterization</b>       | Mouse CD48(Phe23-Ser217) hFc(Glu99-Ala330)  |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 48.5 kDa after removal of the signal peptide. The apparent molecular mass of mCD48-hFc is approximately 55-70 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 95% 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>                       | Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation.[UniProtKB/Swiss-Prot Function]   |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |



Mouse CD48 Protein, hFc Tag

Cat. No. PME-M100049



Figure 1. Mouse CD48 Protein, hFc Tag on SDS-PAGE under reducing condition.

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