## PRODUCT INFORMATION

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|---|---|
| **Target** | CD200 |
| **Synonyms** | MRC OX-2 antigen;Mox2 |
| **Description** | Recombinant mouse CD200 protein with C-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | O54901 |
| **Expression Host** | HEK293 |
| **Tag** | C-Human Fc Tag |
| **Molecular Characterization** | Mouse CD200(Gln31-Gly232) hFc(Glu99-Ala330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 48.7 kDa after removal of the signal peptide. The apparent molecular mass of mCD200-hFc is approximately 55-70 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | 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. |
| **Storage&Shipping** | 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. |
| **Background** | This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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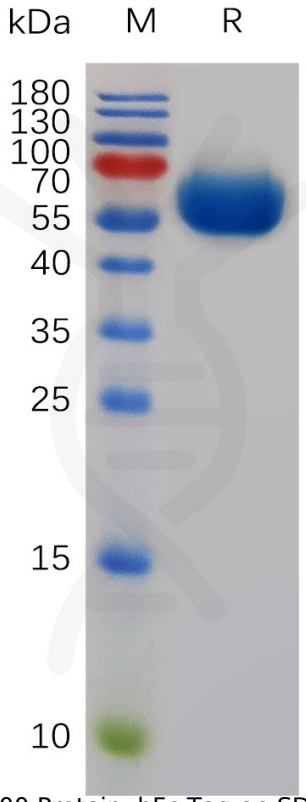



Figure 1. Mouse CD200 Protein, hFc Tag on SDS-PAGE under reducing condition.

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