

**PRODUCT INFORMATION**

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| <b>Target</b>                           | CCR2   |
| <b>Synonyms</b>                         | CC-CR-2;CCR-2;CCR2A;CCR2B;CD192;CKR2;CKR2A;CKR2B;CMKBR2;MCP-1-R  |
| <b>Description</b>                      | Recombinant Human CCR2 with C-terminal human Fc tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P41597   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-Human Fc Tag   |
| <b>Molecular Characterization</b>       | CCR2(Met1-Ala42) hFc(Glu99-Ala330)   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 31.0 kDa after removal of the signal peptide. The apparent molecular mass of CCR2-hFc is approximately 35-55 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>                       | The protein encoded by this gene is a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection. This gene is located in the chemokine receptor gene cluster region of chromosome 3. [provided by RefSeq, Aug 2017] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



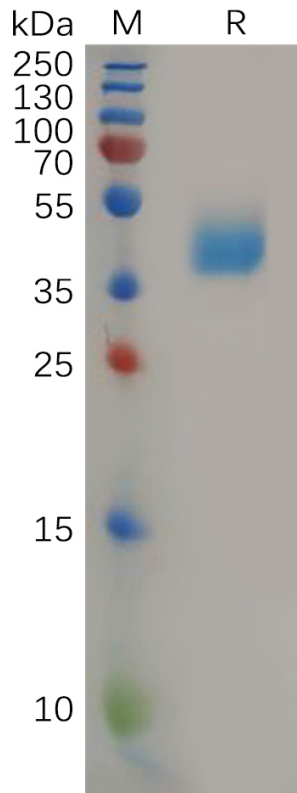


Figure 1. Human CCR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

