

## 32-18551: Mouse CCR2 Protein, hFc Tag

**Uniprot ID :** P51683

**Alternative Name :** Ckr2; Ccr2a; Ccr2b; Ckr2a; Ckr2b; mje-r; Cmkbr2; Cc-ckr-2

### Description

**Description :** Recombinant mouse CCR2 protein with C-terminal human Fc tag

**Background :** Enables C-C chemokine binding activity and C-C chemokine receptor activity. Involved in several processes, including leukocyte migration; positive regulation of cell migration; and regulation of cytokine production. Acts upstream of or within several processes, including cellular defense response; monocyte chemotaxis; and neutrophil clearance. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Used to study Coronavirus infectious disease and age related macular degeneration. Human ortholog(s) of this gene implicated in several diseases, including Kawasaki disease; aggressive periodontitis; coronary artery disease (multiple); glucose metabolism disease (multiple); and uveitis (multiple). Orthologous to human CCR2 (C-C motif chemokine receptor 2).

**Molecular Characterization:** mass of 32.3 kDa after removal of the signal peptide. The apparent molecular mass of mCCR2-hFc is approximately 35-55 kDa due to glycosylation.

**Tag :** C-Human Fc tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

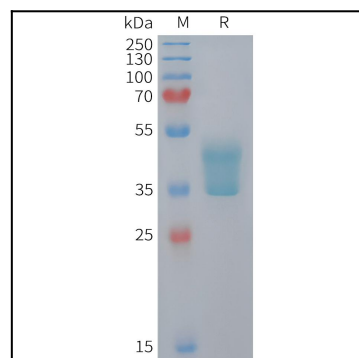


Figure 1. Mouse CCR2 Protein, hFc Tag on SDS-PAGE under reducing condition.