

### 32-17969: Recombinant Human CCR2 Protein, mFc Tag

**Uniprot ID :** P41597

**Alternative Name :** CC-CKR-2, MCP-1-R, CD192

#### Description

Molecular Characterization: CCR2(Met1-Ala42) mFc(Pro99-Lys330)

Molecular weight: The protein has a predicted molecular mass of 31.1 kDa after removal of the signal peptide. The apparent molecular mass of CCR2-mFc is approximately 35-55 kDa due to glycosylation.

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

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.

#### Product Info

**Amount :** 100 µg / 50 µg

**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.