

**HUMAN CCR2 PROTEIN, MFC TAG**

目录: 11777

产品名称: Human CCR2 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: CC-CKR-2;MCP-1-R;CD192

**Target:** CCR2

**UNIPROT ID:** P41597

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

**背景:** 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]

**Species/Host:** HEK293

**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.

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

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

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.

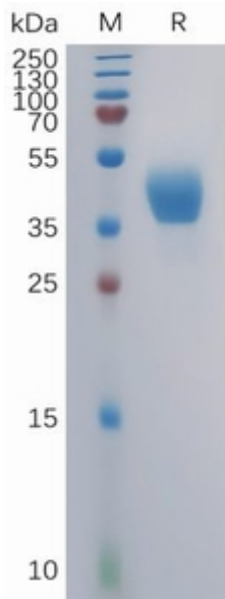


Figure 1. Human CCR2 Protein, mFc Tag on SDS-PAGE under reducing condition.