

Datasheet for ABIN7455568
CCR2 Protein (AA 1-42) (mFc Tag)



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1 Image

Overview

Quantity:	10 µg
Target:	CCR2
Protein Characteristics:	AA 1-42
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCR2 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human CCR2 protein with C-terminal mouse Fc tag
Specificity:	CCR2 (Met1-Ala42) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CCR2
Alternative Name:	CCR2 (CCR2 Products)
Background:	The protein encoded by this gene is a receptor for monocyte chemoattractant protein-1, a

Target Details

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]

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

UniProt: [P41597](#)

Pathways: [cAMP Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Restrictions: For Research Use only

Handling

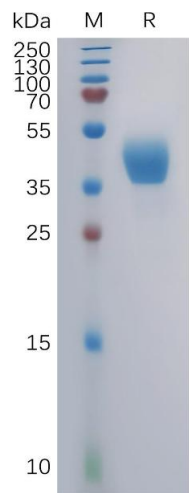
Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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