

PRODUCT INFORMATION

CCR2 **Target**

Ckr2; Ccr2a; Ccr2b; Ckr2a; Ckr2b; mJe-r; Cmkbr2; Synonyms

Cc-ckr-2

Recombinant mouse CCR2 protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P51683 **Expression Host HEK293**

C-Human Fc tag Tag

Molecular

Storage & Shipping

Background

Mouse CCR2(Met1-Ala55) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 32.3 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of mCCR2-hFc is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions.

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.

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 periodometris; coronary artery disease (multiple); glucose metabolism disease (multiple); and uveitis (multiple). Orthologous to human CCR2 (C-C motif chemokine receptor 2). [provided by Alliance of Genome Resources, Apr

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Usage Research use only

Conjugate Unconjugated

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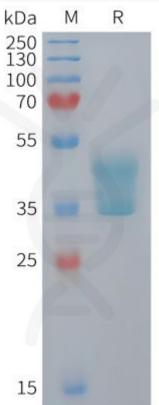


Figure 1. Mouse CCR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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