

## **PRODUCT INFORMATION**

\$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-printcommerce-print-products-public.php on line 2806

CC-CKR-2; CCR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R

Human CCR2-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P41597 HEK293 **Expression Host** 

Protein Families Druggable Genome, GPCR, Transmembrane

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Formulation &

Chemokine signaling pathway. Cytokine-cytokine receptor interaction
The human full length CCR2-Streep protein has a NW of 41,9 b1
Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCI, 150 mM NaCI, pH 8.0), Normally 5% – 8% trehalose is added as protectants before
lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high
concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

repeated merging and the strong lyophilized proteins are shipped as analysed in temperature.

The protein 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 infilammatory diseases such as heumantoid arthritis as well as in the infilammatory
response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenyity cyclase. This pene is located in the chemokine receptory gene cluster region of chromosomes. Second 1.0 of the control of chromosomes.

Background

Usage rch use only

## **ELISA assay to evaluate CCR2-Strep-Nanodisc** 0.2µg Human CCR2-Strep-Nanodisc per well

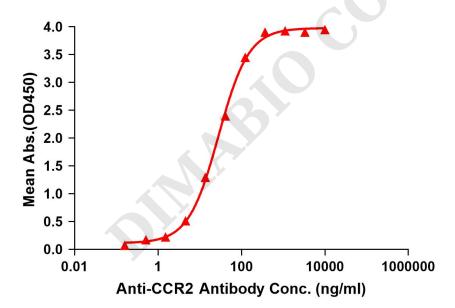


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag CCR2-Strep-Nanodisc ( $0.2\mu g/per$  well). Serial diluted anti-CCR2 monoclonal antibody (DMC100447) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CCR2 monoclonal antibody binding with CCR2-Strep-Nanodisc is 28.36ng/ml.

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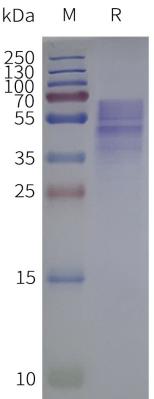


Figure 2. Human CCR2-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE



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