

HUMAN CCR2 FULL LENGTH PROTEIN

目录: 11011

产品名称: Human CCR2 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

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

Target: CCR2

UNIPROT ID: P41597

描述: Human CCR2 full length protein-synthetic nanodisc

背景: 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 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.

Species/Host: HEK293

Molecular Weight: The human full length CCR2 protein has a MW of 41.9 kDa

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.

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

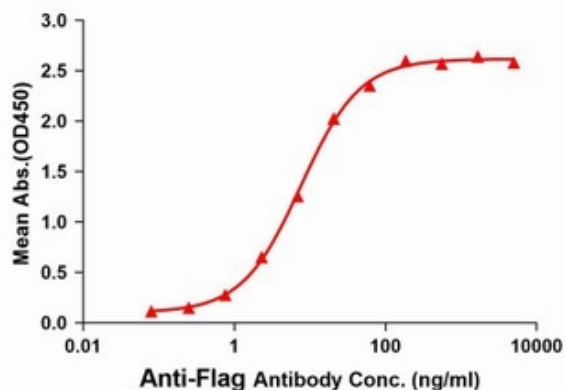


Figure1. Elisa plates were pre-coated with Flag Tag CCR2-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CCR2-Nanodisc is 7.62ng/ml.

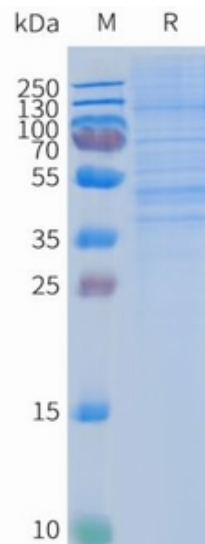


Figure2. Human CCR2-Nanodisc, Flag Tag on SDS-PAGE

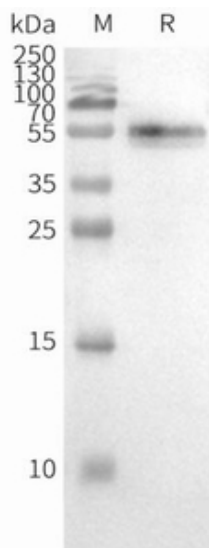


Figure3. WB analysis of Human CCR2-Nanodisc with CCR2 monoclonal antibody (28090), followed by Goat Human IgG HRP at 1/5000 dilution