

# Human CCR4 Protein-Nanodisc

Cat. No. CR4-HM1N122

## Description

<b>Source</b>	Recombinant Human CCR4 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus (FITC-equivalent protein is fused on cytoplasmic part). It contains Met1-Leu360.
<b>Accession</b>	P51679
<b>Molecular Weight</b>	The protein has a predicted MW of 69.20 kDa.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 µm filtered solution in PBS (pH 7.4). Notice: Not recommended for immunization and flow cytometry in mammalian cells.
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

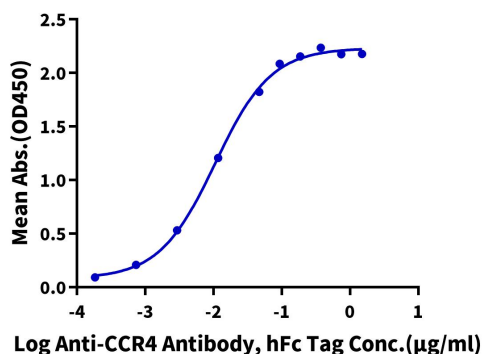
CC chemokine receptor 4 (CCR4) is a chemokine receptor mainly expressed by T cells. CCR4 is important in the pathogenesis of many diseases, such as diabetes, multiple sclerosis, asthma, dermatitis, and cancer. This review briefly characterizes CCR4 and its ligands (CCL17, CCL22, and CCL2), and their contributions to immunological and neoplastic diseases.

## Assay Data

### ELISA Data

#### Human CCR4 Nanodisc, His Tag ELISA

0.2µg Human CCR4 Nanodisc, His Tag Per Well



Immobilized Human CCR4 Nanodisc, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-CCR4 Antibody, hFc Tag with the EC50 of 10.6ng/ml determined by ELISA (QC Test).