

# Biotinylated Human CCR7 Protein-Nanodisc

Cat. No. CCR-HM17NB

## Description

<b>Source</b>	Recombinant Biotinylated Human CCR7 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Pro378.
<b>Accession</b>	P32248
<b>Molecular Weight</b>	The protein has a predicted MW of 55.80 kDa.
<b>Endotoxin</b>	Less than 1 EU 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 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

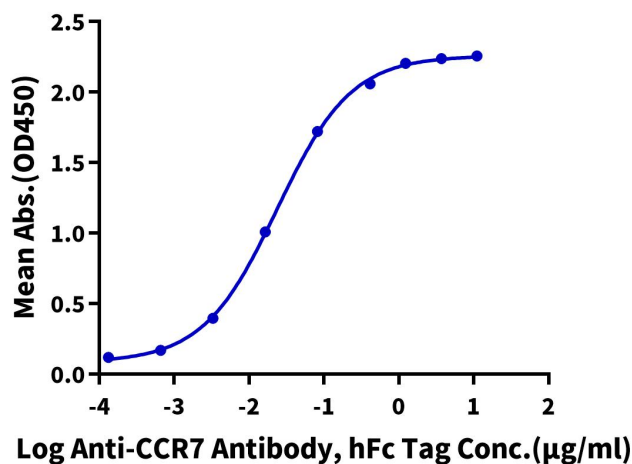
CC-chemokine receptor 7 (CCR7), collaborated with its ligands CCL19 and CCL21, controls extensive migratory events in the immune system. CCR7-bearing dendritic cells can swarm into T-cell zones in lymph nodes, initiating the antigen presentation and T-cell response. Abnormal expression of CCR7 in dendritic cells will cause a series of inflammatory diseases due to the chaotic dendritic cell trafficking.

## Assay Data

### ELISA Data

### Biotinylated Human CCR7 Nanodisc, His Tag ELISA

0.5µg Biotinylated Human CCR7 Nanodisc, His Tag Per Well



Immobilized Biotinylated Human CCR7 Nanodisc, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-CCR7 Antibody, hFc Tag with the EC50 of 23.7ng/ml determined by ELISA (QC Test).