

# Biotinylated Human CX3CR1 Protein-Nanodisc

Cat. No. CXR-HM10NB

## Description

<b>Source</b>	Recombinant Biotinylated Human CX3CR1 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Leu355.
<b>Accession</b>	P49238-1
<b>Molecular Weight</b>	The protein has a predicted MW of 53.40 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

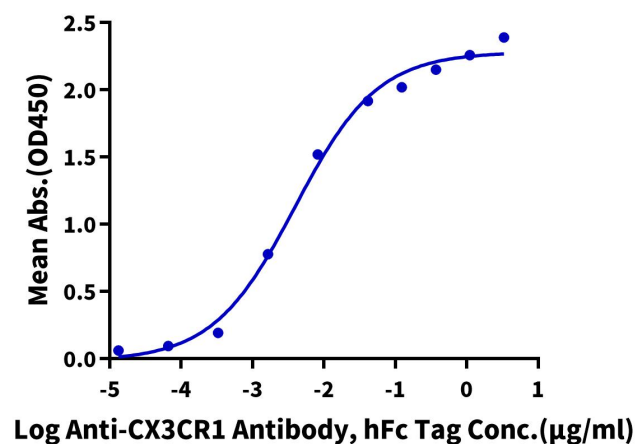
CX3CR1, also known as G-protein coupled receptor 13, is a receptor of CX3CL1. It is primarily expressed on monocytes, macrophages, dendritic cells, T cells, and natural killer cells. The binding of CX3CL1 to CX3CR1 induces the activation of heterotrimeric G proteins associated with this receptor. In addition, it triggers the signal pathways of MAPK and AKT, which play essential roles in tumour biology.

## Assay Data

### ELISA Data

#### Biotinylated Human CX3CR1 Nanodisc, His Tag ELISA

0.5µg Biotinylated Human CX3CR1 Nanodisc, His Tag Per Well



Immobilized Biotinylated Human CX3CR1 Nanodisc, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-CX3CR1 Antibody, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA (QC Test).