Biotinylated Human CX3CR1 Protein-Nanodisc

Cat. No. CXR-HM10NB

Description

Source	Recombinant Biotinylated Human CX3CR1 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus.
	It contains Met1-Leu355.
Accession	P49238-1
Molecular Weight	The protein has a predicted MW of 53.40 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.

Formulation and Storage

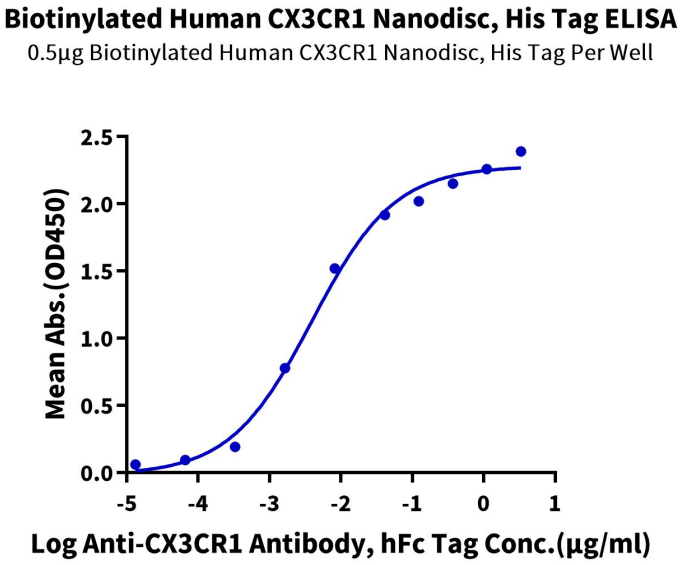
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw 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



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).