Biotinylated Human CCR7 Nanodisc

Cat. No. CCR-HM17NB

Description

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

Formulation and Storage

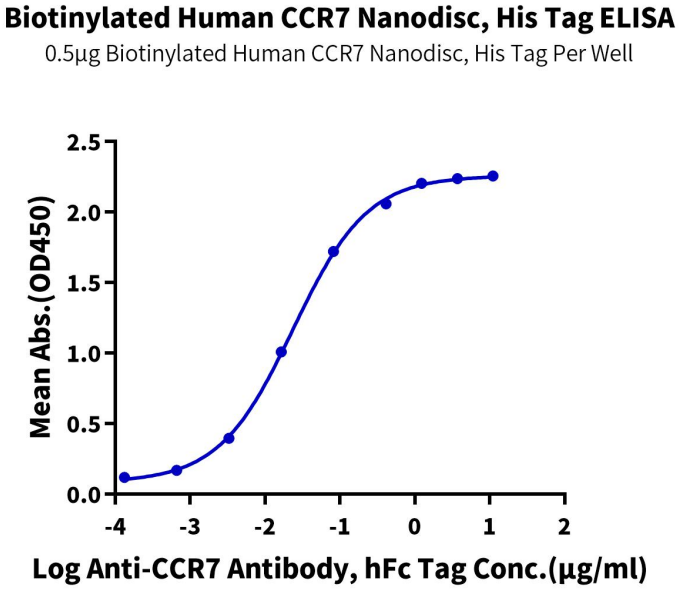
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw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

Background

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



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).