Biotinylated Human CCR4 Protein-Nanodisc

Cat. No. CR4-HM4N188BF

Description

Source	Recombinant Biotinylated Human CCR4 Protein-Nanodisc is expressed from HEK293 with His tag and Avi tag at the C-terminus (FITC-equivalent protein is fused on cytoplasmic part).
	It contains Met1-Leu360.
Accession	P51679
Molecular Weight	The protein has a predicted MW of 72.9 kDa.
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

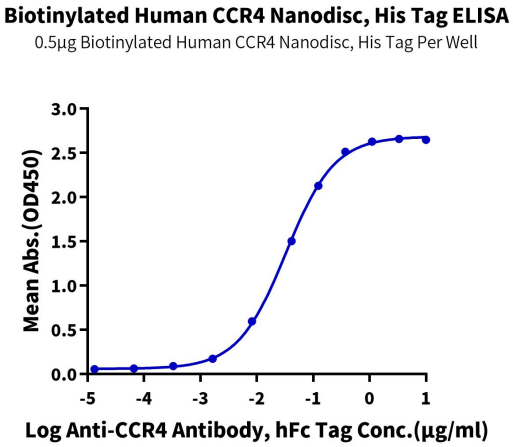
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for immunization and flow cytometry in mammalian cells.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please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



Immobilized Biotinylated Human CCR4 Nanodisc, His Tag at 5μg/ml(100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-CCR4 Antibody, hFc Tag with the EC50 of 33.0ng/ml determined by ELISA (QC Test).