

Human CCR8 Nanodisc

Cat. No. CR8-HM1N29



Description	
Source	Recombinant Human CCR8 Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Leu355.
Accession	P51685-1
Molecular Weight	The protein has a predicted MW of 42.60 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.

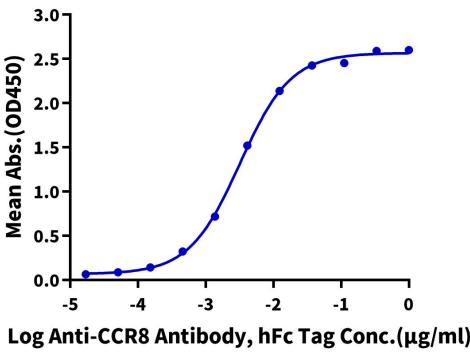
Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS, 200mM L-Arginine (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
CC chemokine receptor (CCR) 8 (previously called CKR-L1 or TER1 and designated CD198), which is expressed on Th2 cells and eosinophils, has been implicated in allergic diseases. CCR8 may regulate monocyte chemotaxis and thymic cell line apoptosis and is alternative coreceptor with CD4 for HIV-1 infection.	

Assay Data

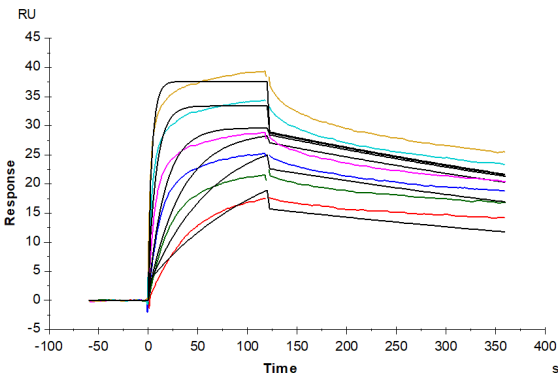
ELISA Data

Human CCR8 Nanodisc, His Tag ELISA
0.1µg Human CCR8 Nanodisc, His Tag Per Well



Immobilized Human CCR8 Nanodisc, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-CCR8 Antibody, hFc Tag with the EC50 of 3.2g/ml determined by ELISA.

SPR Data



Human CCR8 nanodisc, His Tag captured on CM5 Chip via Anti-His Antibody can bind Anti-CCR8 Antibody, hFc Tag with an affinity constant of 53.40 pM as determined in SPR assay (Biacore T200).