

PRODUCT INFORMATION

Tag	N-His, C-Single Strep Tag
Expression Host	E.coli
Target	CCR4
Description	Human CCR4 cell-free full length protein-Detergent
Synonyms	CC-CKR-4; CD194; ChemR13; CKR4; CMKBR4
Uniprot ID	P51679
Protein Families	GPCR
Protein Pathways	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Molecular Weight	The human CCR4 cell-free full length protein-Detergent has a MW of 43.5kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, 0.06M, 0.012%CHS, pH8.2
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Storage&Shipping	Store at -80°C, Ship on dry ice.
Purity	>80%
Background	The protein belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.
Usage	Research use only
Conjugate	Unconjugated



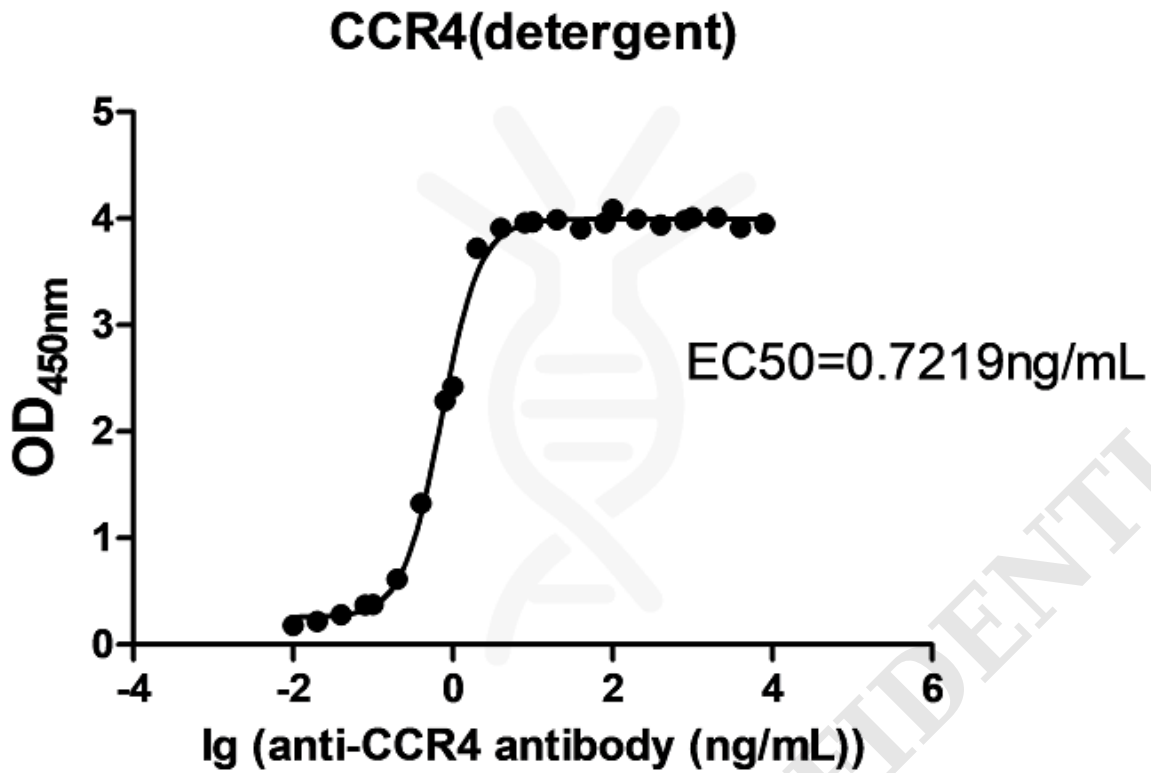


Figure 1. Elisa plates were pre-coated with N-His, C-Single Strep Tag CCR4 cell-free-Detergent (0.5 μ g/per well). Serial diluted anti-CCR4 antibody (BME100086) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC₅₀ for anti-CCR4 antibody binding with CCR4 cell-free-Detergent is 2.651 ng/mL.

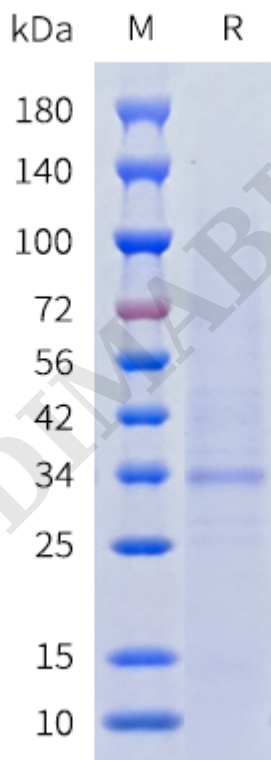


Figure 2. Human CCR4 cell-free-Detergent, N-His, C-Single Strep Tag on SDS-PAGE.

