

CCR4 recombinant protein

Human CCR4 Protein, hFc Tag

CATALOG #
AAA11711

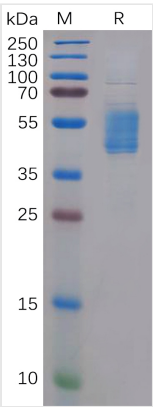
HOST
HEK293 cells

PRODUCT SYNONYMS

CCR4; Human CCR4 Protein; hFc Tag; CC-CKR-4; CD194; ChemR13; CKR4; CMKBR4; HGCN:14099; K5-5; CCR4 recombinant protein

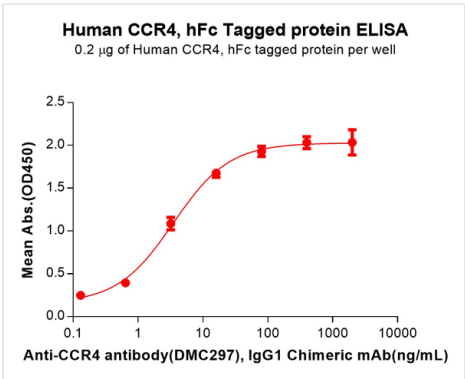
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Species	Human
Tag	C-Human Fc tag
Reconstitution	Reconstitute with deionized water
Visual Inspection	Test; Lyophilization Specification; Dried white powder Result; Pass Test; Vial Label Specification; Label aligned and complete Result; Pass Test; Bottle Sealing (manual check) Specification; Sealed Tight Result; Pass
Quantity	Test; Bradford Method Specification; $\geq$ specified quantity Result; Pass
Other Properties	Test; pH Specification; 7.4$\pm$0.5 Result; Pass
Reconstitution	- Before opening the tube cap, centrifuge the sample tube at 5000g for 3 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. - Dissolved lyophilized protein sampl in sterile and low endotoxin water based on the recommended volume 47.85ul - After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample.
Preparation and Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at ambient temperature.



SDS-PAGE

Figure 1. Human CCR4 Protein, hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human CCR4 Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for CCR4 recombinant protein	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031627
NCBI GeneID	1233
NCBI Accession #	NP_005499.1
NCBI GenBank Nucleotide #	NM_005508.4
UniProt Accession #	P51679; Q9ULY6; Q9ULY7
Molecular Weight	The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of CCR4-hFc is approximately 35-55 kDa due to glycosylation.
NCBI Official Full Name	C-C chemokine receptor type 4
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 4
NCBI Official Symbol	CCR4
NCBI Official Synonym Symbols	CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGCN:14099
NCBI Protein Information	C-C chemokine receptor type 4; CCR-4; C-C CKR-4; chemokine (C-C) receptor 4
UniProt Protein Name	C-C chemokine receptor type 4
UniProt Gene Name	CCR4
UniProt Synonym Gene Names	CMKBR4; C-C CKR-4; CC-CKR-4; CCR-4; CCR4
UniProt Entry Name	CCR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.