

## Recombinant Human CCR4 Protein (1-360 aa), His-tagged

Cat. No. CCR4-2724H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CCR4 Protein (1-360 aa) is produced by in vitro E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-360 aa
<b>Description</b>	High affinity receptor for the C-C type chemokines CCL17/TARC, CCL22/MDC and CKLF isoform 1/CKLF1. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	44.9 kDa
<b>AA Sequence</b>	MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSV VVLVLFKYKRLRSMTDVYLLNLAISDLLFVFSLPFWGYAADQWVFGGLGCKMISWM YLVGFYSGIFFVMLMSIDRYLAIVHAVFSLRARTLTYGVITSLATWSVAVFASLPGFLF STCYTERNHTYCKTKYSLNSTTWKVLSSLEINILGLVIPLGIMLFCYSMIIRTLQHCKNE

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KKNKAVKMIFAVVVLFLGFWTPYNIVLFLETLVELEVLQDCTFERYL D YAIQATETLAF  
 VHCCLNPIIYFFLGEKFRKYILQLFKTCRGLFVLCQYCGLLQIYSADTPSSSYTQSTMD  
 HDLHDAL

**Purity** > 85% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** CCR4 chemokine (C-C motif) receptor 4 [ Homo sapiens ]

**Official Symbol** CCR4

**Synonyms** CCR4; CC CKR 4; CD194; ChemR13; CKR4; CMKBR4; k5 5; CCR-4; C-C CKR-4; K5-5; CC-CKR-4; HGCN:14099; MGC88293;

**Gene ID** 1233

**mRNA Refseq** NM\_005508

**Protein Refseq** NP\_005499

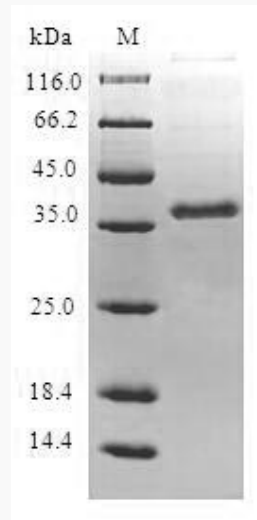
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MIM 604836

UniProt ID P51679



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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