

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-360 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.9 kDa
AA Sequence	MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSV VVLVLFKYKRLRSMTDVYLLNLAISDLLFVFSLPFWGYAADQWVFGGLCKMISWM YLVGFYSGIFFVMLMSIDRYLAIVHAVFSLRARTLTGYVITSLATWSVAVFASLPGFLF STCYTERNHTYCKTKYSLNSTTWKVLSSLEINILGLVIPLGIMLFCYSMIIRTLQHCKNE

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KKNKAVKMIFAVVVLFLGFWTPYNIVLFLETLVELEVLQDCTFERYLDYAIQATETLAF
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
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UniProt ID	P51679
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