

Recombinant Full Length Human CCR6 Protein

Cat. No. CCR6-3020HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR6 full-length ORF (NP_004358.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	350 amino acids
Description	This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	42.5 kDa
AA Sequence	MSGESMNFSDVFDSSDYFVSVNTSYYSVDSEMLLCSLQEVQRQFSRLFVPIAYSLIC VFGLLGNILVVITFAFYKKARSMTDVYLLNMAIADILFVLTLPFWAVSHATGAWVFSNA TCKLLKGIYAINFNCGMLLLTICISMDRYIAIVQATKSFRLRSRTLPRSKIICLVVWGLSVI

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ISSSTFVFNQKYNTQGSVDCEPKYQTVSEPIRWKLLMLGLELLFGFFIPLMFMIFCYT
FIVKTLVQAQNSKRHKAIRVIIAVVLVFLACQIPHNMVLLVTAANLGKMNRSQCSEKLI
GYTKTVTEVLAFLHCCLNPVLYAFIGQKFRNYFLKILKDLWCVRRKYKSSGFSCAGR
YSENISRQTSETADNDNASSFTM

Applications

Antibody Production
Functional Study
Compound Screening

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name CCR6 chemokine (C-C motif) receptor 6 [Homo sapiens]

Official Symbol CCR6

Synonyms CCR6; chemokine (C-C motif) receptor 6; STRL22; C-C chemokine receptor type 6; BN 1; CD196; CKR L3; CMKBR6; DCR2; DRY 6; GPR CY4; GPR29; LARC receptor; chemokine receptor-like 3; chemokine (C-C) receptor 6; G protein-coupled receptor 29; G-protein coupled receptor 29; seven-transmembrane receptor, lymphocyte, 22; BN-1; DRY6; CCR-6; CKRL3; CKR-L3; GPRCY4; CC-CKR-6; C-C CKR-6;

Gene ID 1235

mRNA Refseq NM_004367

Protein Refseq NP_004358

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MIM	601835
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UniProt ID	P51684
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