*m*CCR4 VersaClone cDNA

Catalog Number: RDC0009

Specifications:

Gene:	*m*CCR4
Accession:	CAA62372
Insert size:	1096bp
Package size:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

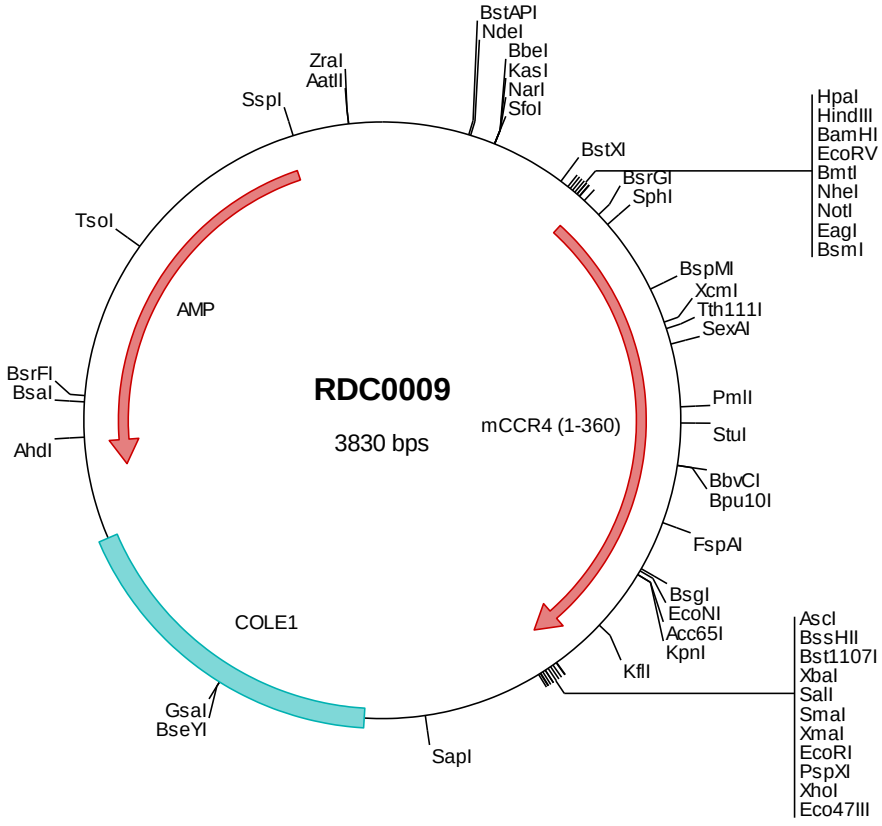
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CCR4 cDNA Plasmid

Ccr4 chemokine (C-C motif) receptor 4 [*Mus musculus*]

Also known as: LESTR; Sdf1r; CHEMR1; Cmkbr4

Summary:
CCR4 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds to CCL17/TARC and CCL22/MDC. It is expressed in the thymus, macrophages and T- and B-cells. In natural killer cells, CCL22 binding induces phosphorylation of CCR4. CCR4 may play a role in lipopolysaccharide (LPS)-induced endotoxic shock and in the mediation of hippocampal-neuron survival.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0009 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaatgcca cagaggtcac agacaccacc caggatgaaa ctgtgtacaa
 501  tagttattac ttctacgaaa gcatgccaaa gccttgcacc aaggaaggta tcaaggcatt tggggaggtc ttcctgcctc ctctctactc cttggtcttc
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 701  cggatttgct gttcgtcctg tccctcccat tctggggcta ctacgccgcc gaccagtggg tttttggact aggtctgtgc aagatcgttt catggatgta
 801  cctggtgggc ttctacagcg gcatcttctt catcatgctc atgagcatag acagatacct ggccatcgtg cacgcggtat tctccttgaa ggcaaggacc
 901  ctgacctatg gcgtcatcac cagcctgatc acgtggtcag tggctgtgtt tgcctccctc ccaggcctct tgttcagcac ttgctacaca gagcacaacc
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1701  aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc cagtcgggaa acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc
1801  ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg ctcggtcgtt cggctgcggc gagcggtatc agctcactca
1901  aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt
2001  tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa gtcagaggtg gcgaaacccg acaggactat aaagatacca
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2701  gatcctttta aattaaaaat gaagttttaa atcaatctaa agtatatatg agtaaacttg gtctgacagt taccaatgct taatcagtga ggcacctatc
2801  tcagcgatct gtctatttcg ttcatccata gttgcctgac tccccgtcgt gtagataact acgatacggg agggcttacc atctggcccc agtgctgcaa
2901  tgataccgcg agacccacgc tcaccggctc cagatttatc agcaataaac cagccagccg gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc
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3701  tgtatttaga aaaataaaca aatagggggtt ccgcgcacat ttccccgaaa agtgccacct gacgtctaag aaaccattat tatcatgaca ttaacctata
3801  aaaataggcg tatcacgagg ccctttcgtc
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> RDC0009 Translated Insert Sequence

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 201  lssleinvlg lliplgimlf wysmiirtlq hcknekknra vrmifgvvvl flgfwtpynv vlfletlvel evlqdctler yldyaiqate tlgfihccln
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