

Specifications:

Gene:	mCCR9
Accession:	NP_034043
Insert size:	1123bp
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.

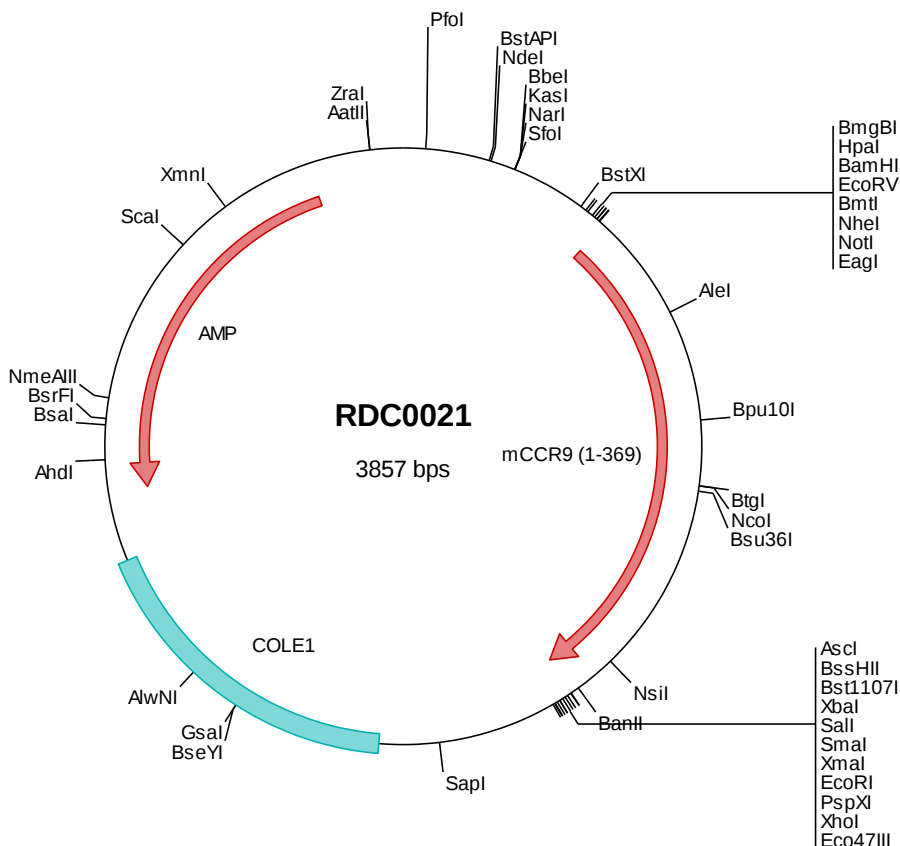
mCCR9 cDNA Plasmid

Ccr9 chemokine (C-C motif) receptor 9 [*Mus musculus*]

Also known as: Cmkbr10; GPR-9-6

Summary:

CCR9, a G protein-linked seven transmembrane domain spanning receptor, binds the chemokine SCYA25/TECK. It is highly expressed in the thymus while expression is low in lymph nodes and spleen. CCR9 transduces a signal by increasing the intracellular calcium ion level. CCR9 also acts as an alternative co-receptor with CD4 for HIV-1 infection.





> RDC0021 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201  ccgcacagat gcgtaaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtttggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tccgtagcgc ggccgcacac atgatgccca cagaactcac aagccttatt cctggcatgt ttgatgactt
501  cagctatgac tccactgctt ccacagatga ctacatgaat ttgaatttoa gttagcttctt ctgtaagaaa aataatgtca ggccagtttg aagccatttt
601  cttccacctc tgaactggct tgtgttcatt gtgggcacot tgggcaacag cctgtctact cttgtctact ggtattgcac aagagtgaag accatgactg
701  acatgttctt tttgaattta gccattgctg atctgctctt tottgccact ctccctctct gggccattgc tgctgtggt caatggatgt tccagacctt
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> RDC0021 Translated Insert Sequence

```
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201  vypkdknakl ksavililkvt lgfflpfmvm afcytiiihl lvqakksskh kalkvtitvl tvfimsqfpy nsilvvqvavd ayamfisnct istnidicfj
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