

Specifications:

Gene:	mCCR10
Accession:	NP_031747
Insert size:	1101bp
Package size:	10µg at 0.2µg/µL

mCCR10 cDNA Plasmid

**Ccr10 chemokine (C-C motif)
receptor 10 [*Mus musculus*]**

Also known as: Gpr2; Cmkbr9

Summary:

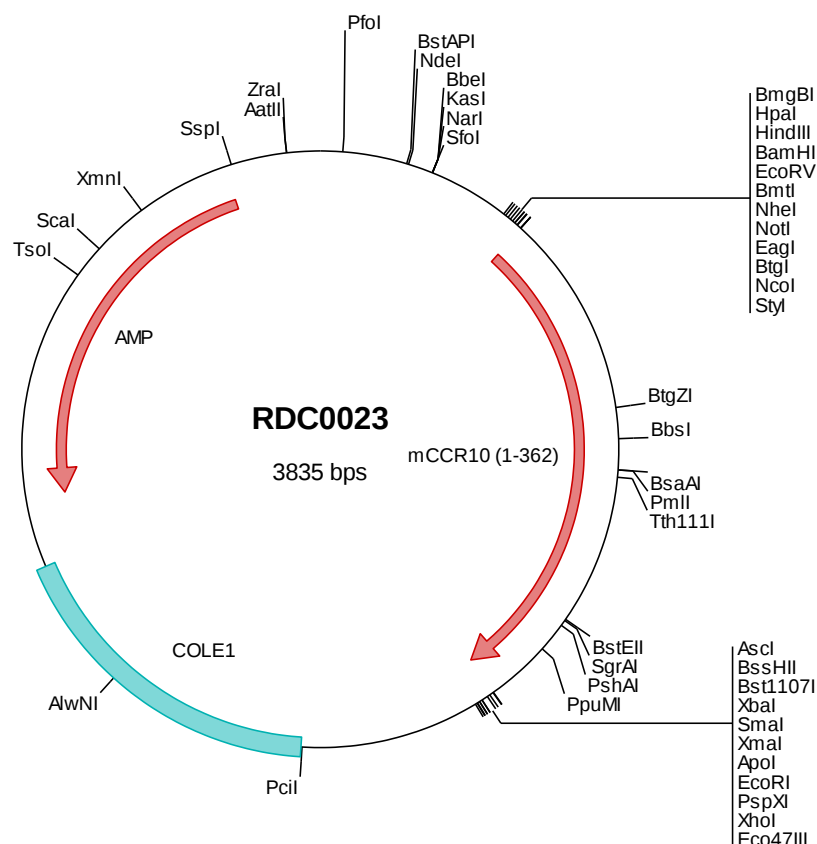
CCR10 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds to CCL27 and CCL28. It is highly expressed in small intestine, colon, lymph nodes and at lower levels in thymus, lung and spleen. Psoriasis, atopic dermatitis and allergic contact dermatitis are T-cell-mediated inflammatory skin diseases. CCR10 plays an important role in the ligand-mediated recruitment of T-cells into the skin of mice and humans.

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.





> RDC0023 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
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401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacac atggggacca agcccacaga gcaggtctcc tggggacttt actccgggta
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> RDC0023 Translated Insert Sequence

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201  qtvkgasava qvvlgfalpl gvmaacyall grtllaargp errralrvvv alvvafvvlq lpyslallld tadllaarer scssskrkd1 allvtggltl
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