

Specifications:

Gene:	mCXCR3
Accession:	AAC40163
Insert size:	1117bp
Package size:	10µg at 0.2µg/µL

mCXCR3 cDNA Plasmid

**Cxcr3 chemokine (C-X-C motif)
receptor 3 [*Mus musculus*]**

Also known as: Cd183; Cmkar3

Summary:

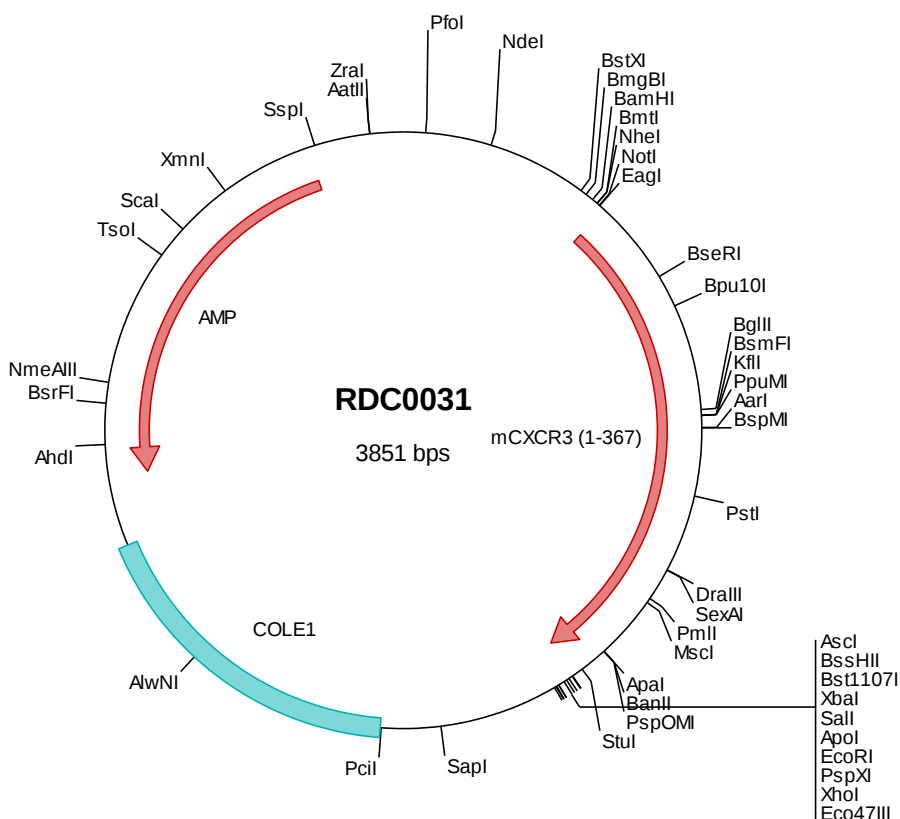
CXCR3 is a G protein-linked seven transmembrane domain spanning receptor that binds CXCL9, CXCL10, CXCL11, and CCL21. CXCR3 is expressed on activated T-cells, B-cells and NK cells. CXCR3 and its ligands are important for the trafficking of activated CD4(+) T(H)1 T-cells, CD8(+) T-cells, and natural killer cells during inflammation. Both Th1 and Th2 cells show increased CXCR3 expression following activation. Only Th1 cells exhibit CXCR3-mediated trafficking in response to inflammation.

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.





> RDC0031 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tcgctagcgc ggccgcacac atgtaccttg aggttagtga acgtcaagtg ctagatgcct cggactttgc
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> RDC0031 Translated Insert Sequence

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