

Specifications:

Gene:	mCXCR1
Accession:	NP_839972
Insert size:	1069bp
Package size:	10µg at 0.2µg/µL

mCXCR1/IL-8RA cDNA Plasmid

Cxcr1 chemokine (C-X-C motif) receptor 1 [*Mus musculus*]

Also known as: Il8ra

Summary:

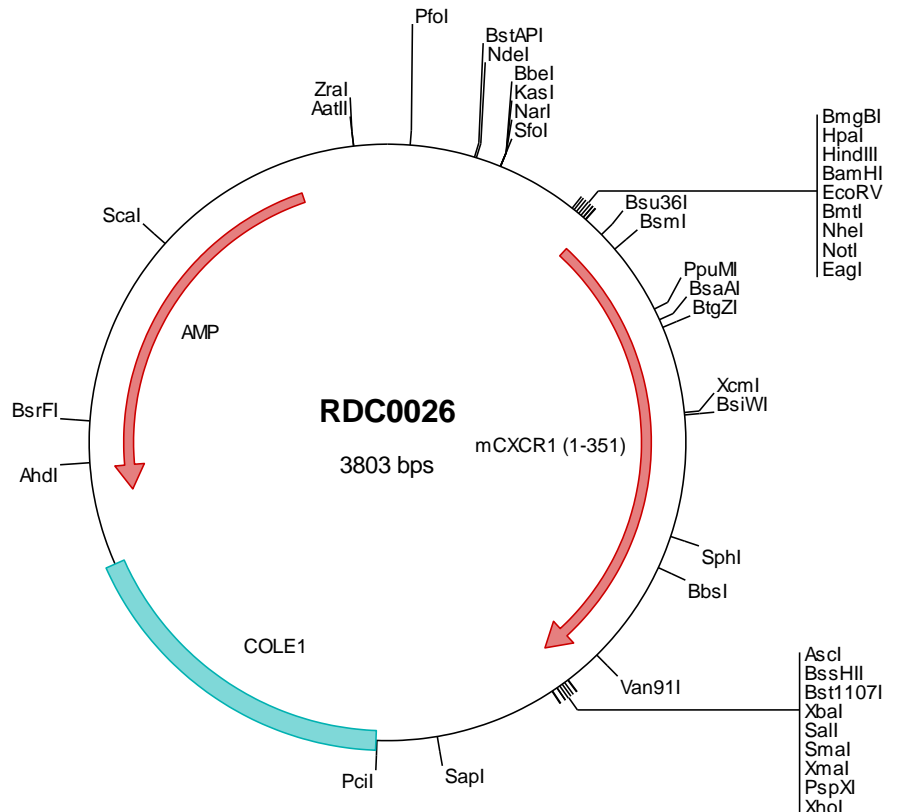
CXCR1 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds to IL-8, which is a powerful chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. The chemokine receptors CXCR1 and CXCR2 play an important role in mediating neutrophil recruitment and neutrophil-dependent injury in several models of 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.





> RDC0026 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tegggtctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
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> RDC0026 Translated Insert Sequence

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201 tdfrrmtlrgl shifgflpl ltmlvcygl lrlmlfkthmr qkhrangvif avvlvflcc lpynlvllsd tllgahlied tcerndidq alyiteilgf
301 shslnpiiy avfgqnfrhe flkilanhgl vrkevlthrr vafhtsltai y

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