

Specifications:

Gene:	mCXCR2
Accession:	NP_034039
Insert size:	1093bp
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.

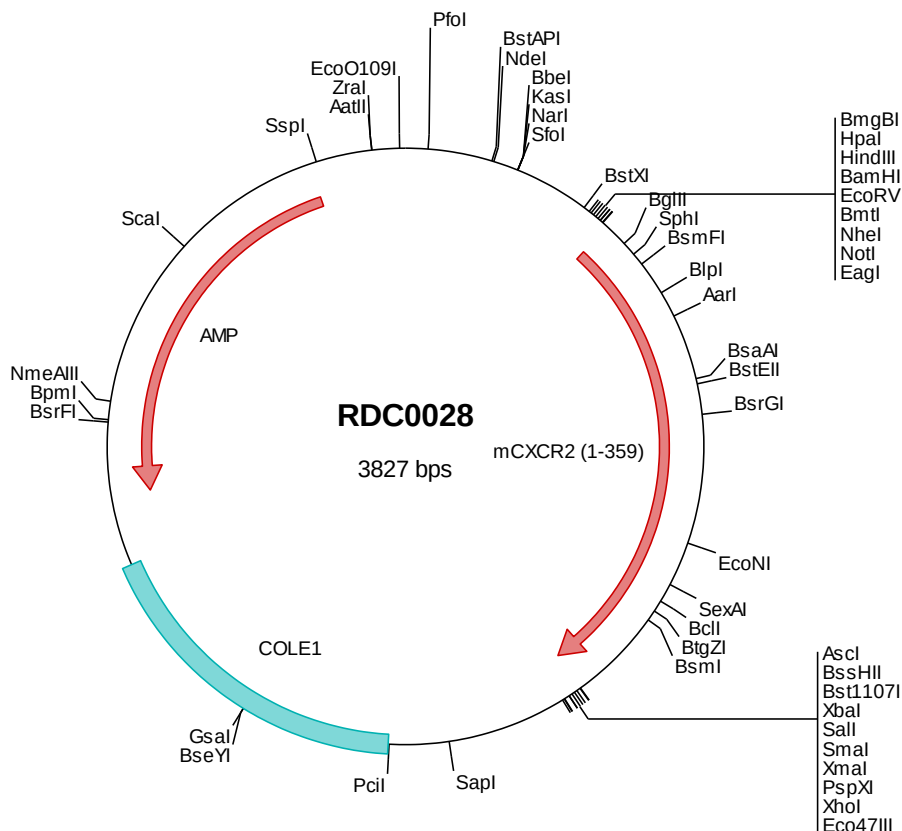
mCXCR2/IL-8RB cDNA Plasmid

Cxcr2 chemokine (C-X-C motif) receptor 2 [*Mus musculus*]

Also known as: CD128; Il8rb; CDw128; Cmkar2; Gpcr16; IL-8Rh; IL-8rb; mIL-8RH

Summary:

CXCR2, also known as IL8RB, is a G protein-coupled chemokine receptor expressed on neutrophils. It binds IL8, GRO α , GRO β , GRO γ , NAP2, and ENA78. Binding of IL-8 to the receptor causes activation of neutrophils.





> RDC0028 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagttaggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagcct ggatccgata tccgtagcgc ggccgcacac atgggagaat tcaaggtgga taagttcaac attgaagatt tcttcagttg
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> RDC0028 Translated Insert Sequence

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201  nntsrllrvl rilpqtfgfl vpillimfcy gftlrltlfka hmgqkhramr vifavvlvfl lclwpynl vl ftdtlmrtkl iketcerdd idklnatei
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