

Specifications:

Gene:	hCXCR3
Accession:	NP_001495
Insert size:	1154bp
Package size:	10µg at 0.2µg/µL

hCXCR3 cDNA Plasmid

**CXCR3 chemokine (C-X-C motif)
receptor 3 [*Homo sapiens*]**

Also known as: GPR9; MigR;
CD182; CD183; Mig-R; CKR-L2;
CMKAR3; IP10-R

Summary:

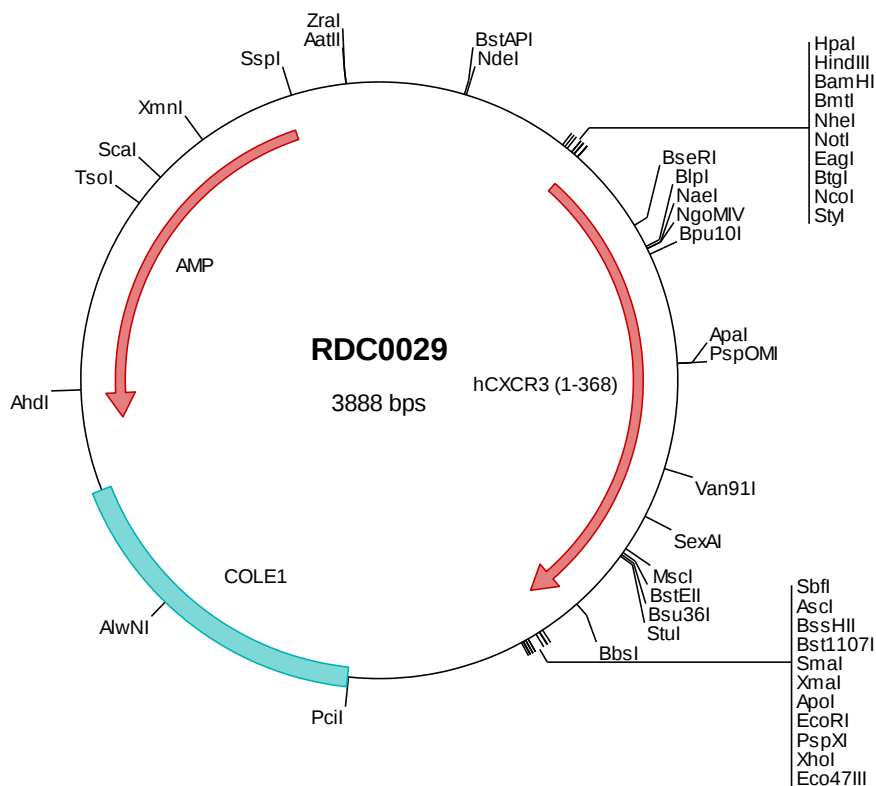
CXCR3 is a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/MIG, CXCL10/IP10 and CXCL11/I-TAC. CXCR3 is mainly expressed in heart, kidney, liver and skeletal muscle. Binding of chemokines to CXCR3 induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration.

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.





> RDC0029 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc 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 atggtccttg aggtgagtga ccaccaagtg ctaaatgacg ccgaggttgc
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> RDC0029 Translated Insert Sequence

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201  thcqynfpqv gtrtalrvlql vagfllp1lv maycyahila vllvsrgqrr lramrlvvvv vvafalcwtp yhlvvlvdil mdlgalarnc gresrvdvak
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```