

Specifications:

Gene:	<i>cynoCX3CL1</i>
Accession:	QOX59521.1
Insert size:	1237bp
Concentration:	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

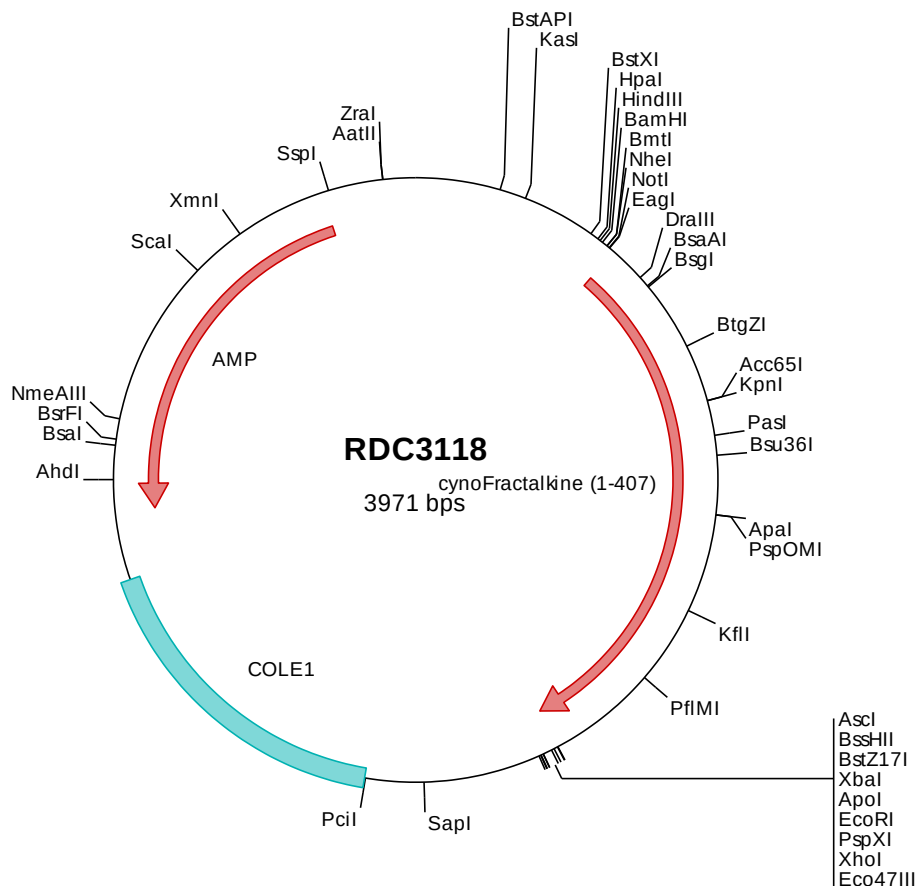
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoCX3CL1/Fractalkine cDNA Plasmid

CX3CL1 C-X3-C motif chemokine ligand 1 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

CX3CL1 is the first member of a fourth branch of the chemokine superfamily. Unlike other known chemokines, CX3CL1 is a type 1 membrane protein containing a chemokine domain tethered on a long mucin-like stalk. CX3CL1 is expressed in various tissues including the brain and heart. Membrane-bound CX3CL1 has been shown to promote adhesion of leukocytes. The soluble chemokine domain of human CX3CL1 was reported to be chemotactic for T cells and monocytes while the soluble chemokine domain of mouse CX3CL1 was reported to chemoattract neutrophils and T-lymphocytes but not monocytes.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3118 Plasmid DNA Sequence

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> RDC3118 Translated Insert Sequence

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