

Specifications:

Gene:	mLoxl2
Accession:	NP_201582.2
Insert size:	2344bp
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.

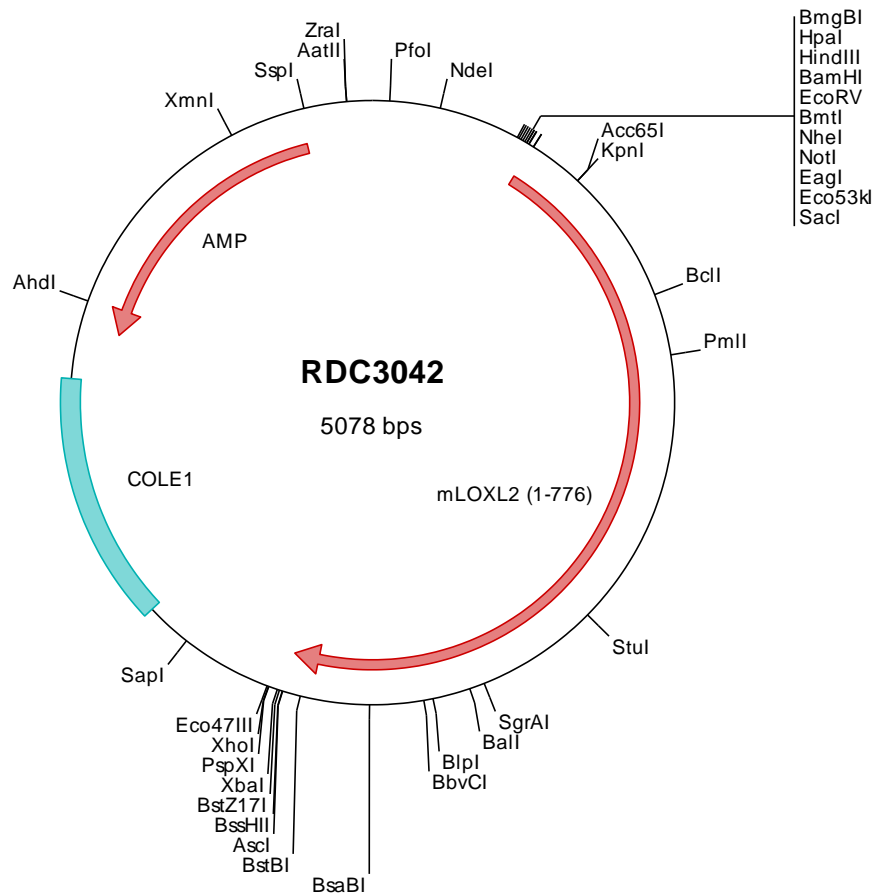
**mLOXL2 cDNA
Plasmid**

Loxl2 lysyl oxidase-like 2 [*Mus musculus* (house mouse)]

Also known as: 1110004B06Rik; 4930526G11Rik; 9430067E15Rik

Summary:

LOXL2 is a member of the lysyl oxidase gene family. It is essential to the biogenesis of connective tissue. LOXL2 is an extracellular copper-dependent amine oxidase that catalyzes the first step in the formation of crosslinks in collagens and elastin.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3042 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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601 caggtagcctt ccgatgtggt caagatccag gtccgctcgg cgggccagaa gaggaaagcac aatgagggcc gcgtggaggt ctactacgaa ggcagtgagg
701 gcacgggtggt cgcagatgac ttctcgatcc atgcccacca tgggtgtctgc cggcaagctc gctatgtaga ggccaagtcc tgggctgcca gctcctcta
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> RDC3042 Translated Insert Sequence

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601 fssqihnnqg sdfprkngrh awiwhdchrh yhsmevftty dillsngtkv aeghnasfcl edtecegdq kysecanfge qgitmgcwm yrhdidecwi
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