

Specifications:

Gene:	cynoLOXL2
Accession:	XP_005562900.1
Insert size:	2338bp
Concentration:	10µg at 0.2µg/µL

**cynoLOXL2 cDNA
Plasmid**

LOXL2 lysyl oxidase like 2
[*Macaca fascicularis* (crab-eating macaque)]

Summary:

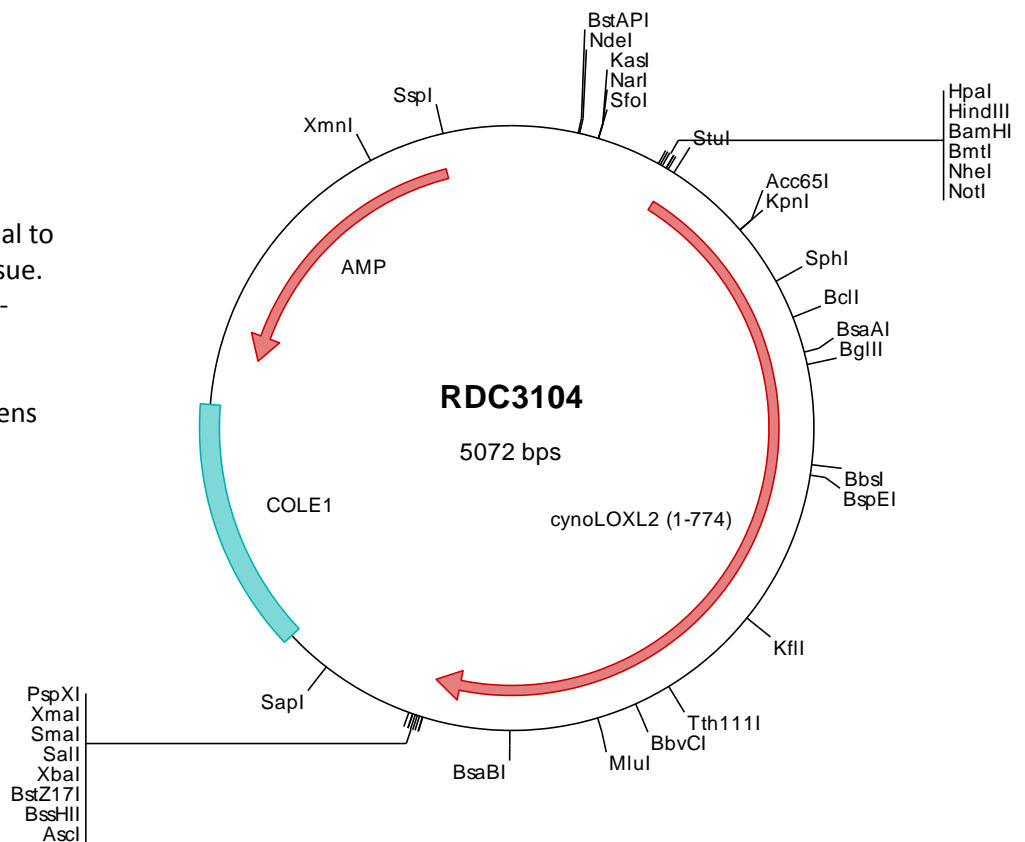
LOXL2 is a member of the lysyl oxidase gene family. It is essential to the biogenesis of connective tissue. LOXL2 is an extracellular copper-dependent amine oxidase that catalyzes the first step in the formation of crosslinks in collagens and elastin.

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.



> RDC3104 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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> RDC3104 Translated Insert Sequence

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