

Specifications:

Gene:	cynoIL12B
Accession:	NP_001274204
Insert size:	1000bp
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

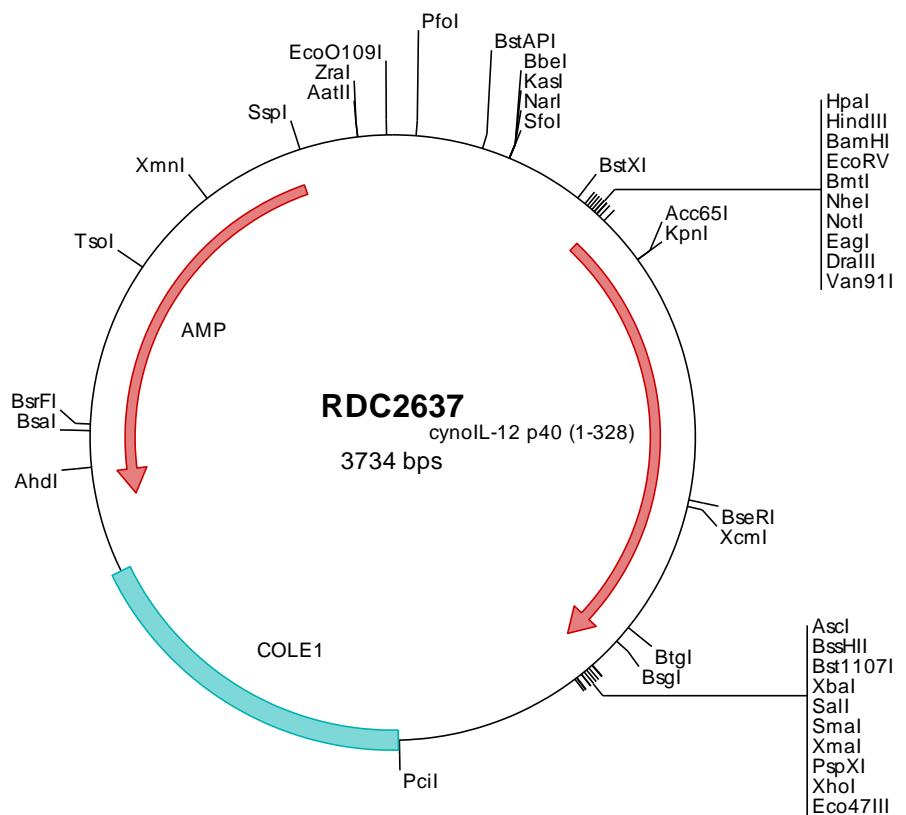
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoIL-12/IL-23 p40 cDNA Plasmid

IL12B interleukin 12B [*Macaca fascicularis* (crab-eating macaque)]

Summary:

IL-12 p40 is a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. It is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. Overexpression of IL-12 p40 was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease.



> RDC2637 Plasmid DNA Sequence

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> RDC2637 Translated Insert Sequence

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