

Specifications:

Gene:	<i>cynolL15</i>
Accession:	NP_001274605
Insert size:	502bp
Concentration:	10µg at 0.2µg/µL

***cynolL-15* cDNA
Plasmid**

IL15 interleukin 15 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

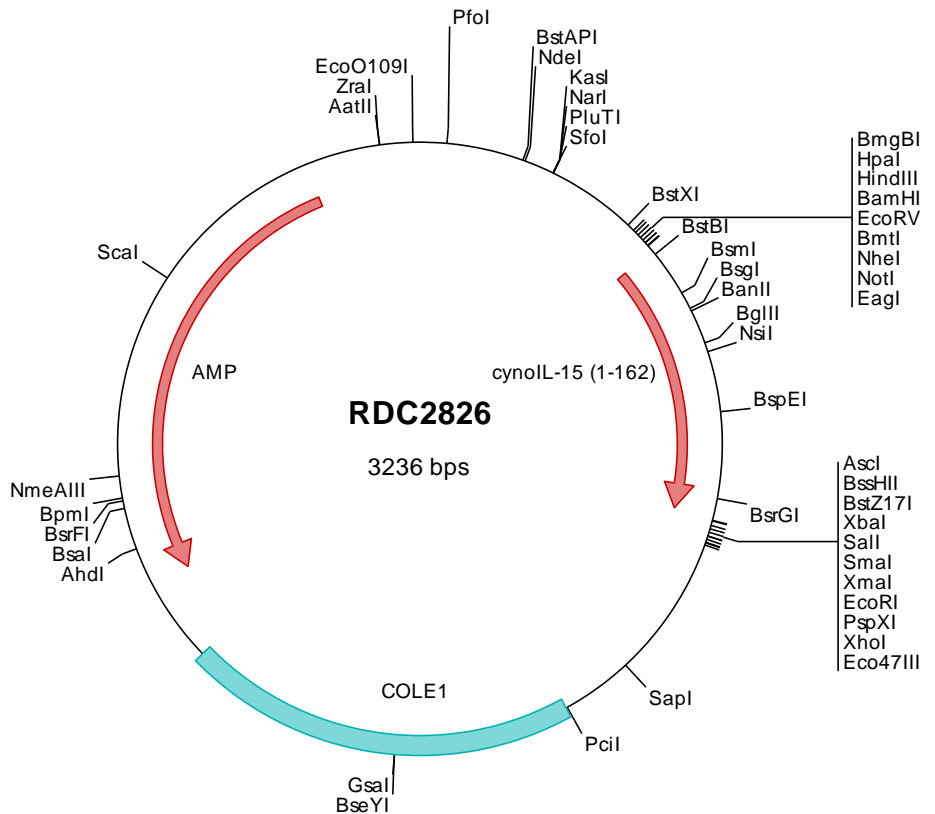
IL-15 is a cytokine that regulates T and natural killer cell activation and proliferation. IL-15 and interleukin 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between IL-15 and IL-2. IL-15 induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2826 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC2826 Translated Insert Sequence

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