

Specifications:

Gene:	cynolL15RA
Accession:	XP_015311004
Insert size:	814bp
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

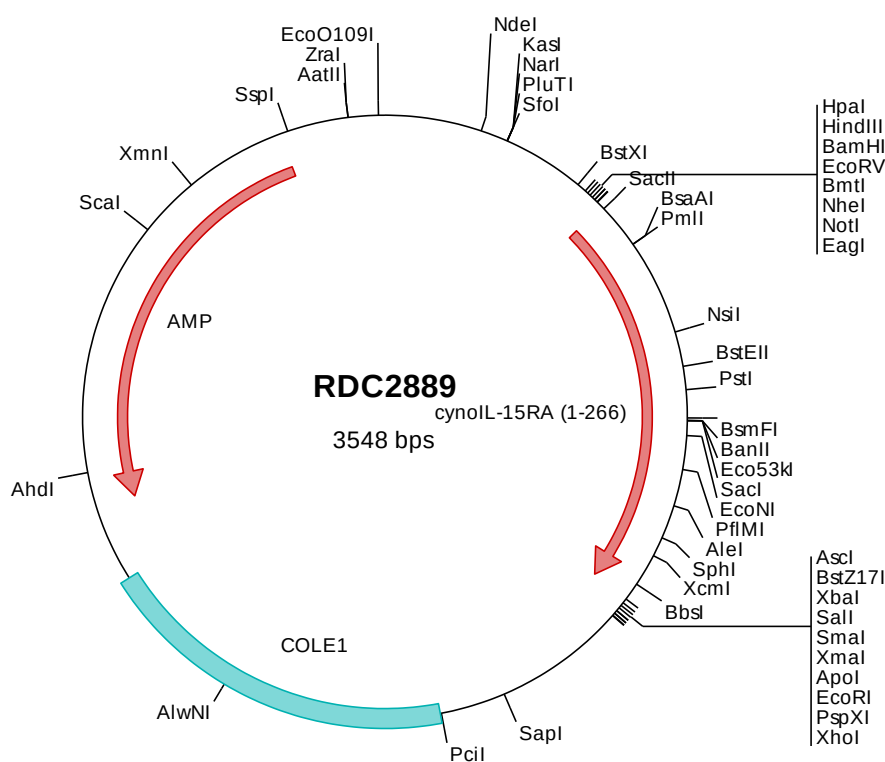
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynolL-15R alpha cDNA Plasmid

**IL15RA interleukin 15 receptor
subunit alpha [*Macaca
fascicularis* (crab-eating
macaque)]**

Summary:

IL-15RA is a widely expressed transmembrane glycoprotein. It specifically binds interleukin 15 (IL-15) with high affinity. IL-15 additionally interacts with lower affinity to subunits of the IL-2 receptor complex. The use of shared receptor components contributes to the overlapping biological effects of IL-15 and IL-2. IL15RA plays an important role in the homeostasis and activation of NK cells and CD8+ memory T cells and participates in the development and function of many other hematopoietic cell types and non-immune cell types. IL15RA may also enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2.



> RDC2889 Plasmid DNA Sequence

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> RDC2889 Translated Insert Sequence

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