

Specifications:

Gene:	mll15ra
Accession:	NP_032384
Insert size:	805bp
Concentration:	10µg at 0.2µg/µL

mIL-15R alpha cDNA Plasmid

IL15ra interleukin 15 receptor, alpha chain [*Mus musculus* (house mouse)]

Also known as: IL-15RA; AA690181

Summary:

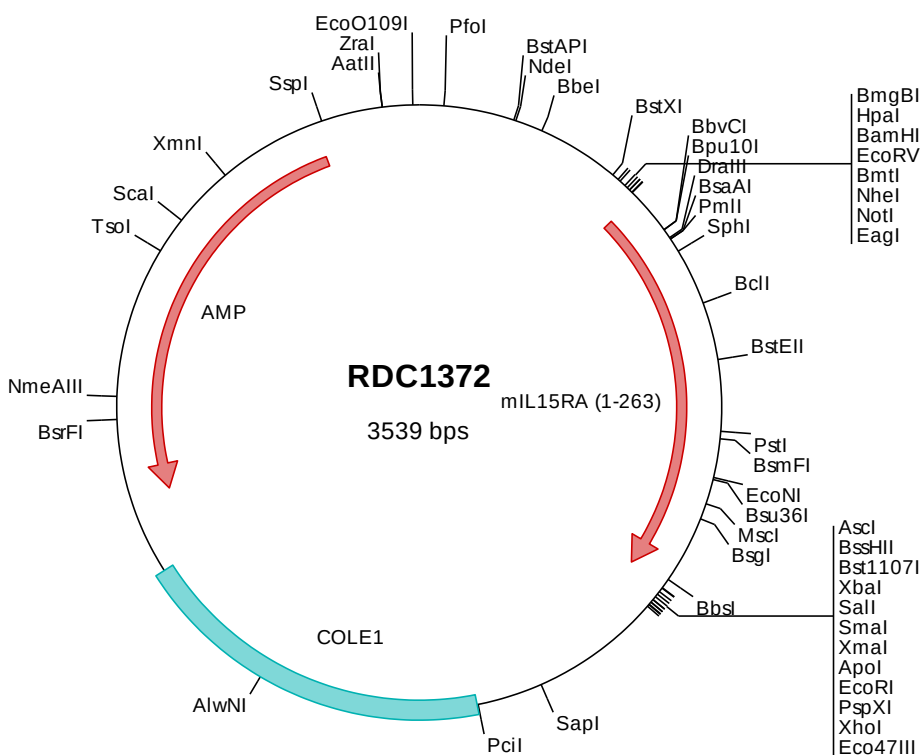
IL15RA is a widely expressed transmembrane glycoprotein. It specifically binds interleukin 15 (IL15) with high affinity. IL-15 additionally interacts with lower affinity to subunits of the IL-2 receptor complex. The use of shared receptor components contributes to the overlapping biological effects of 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.

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.



> RDC1372 Plasmid DNA Sequence

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> RDC1372 Translated Insert Sequence

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