

Specifications:

Gene:	mll3ra
Accession:	NP_032395
Insert size:	1204bp
Concentration:	10 μ g at 0.2 μ g/ μ L

mIL-3R α /CD123 cDNA Plasmid

Il3ra interleukin 3 receptor, alpha chain [*Mus musculus* (house mouse)]

Also known as: CD123; SUT-1; CDw123

Summary:

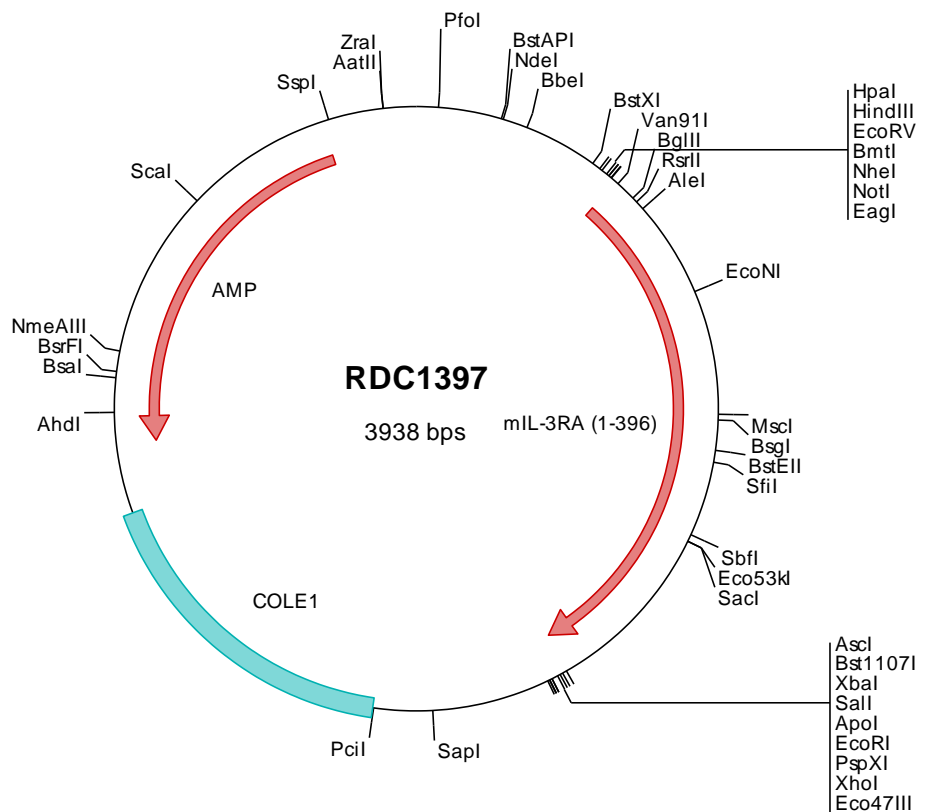
IL3RA belongs to the type I cytokine receptor family and is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). Alternatively spliced transcripts encoding different proteins have been described.

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

> RDC1397 Plasmid DNA Sequence

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> RDC1397 Translated Insert Sequence

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