

Specifications:

Gene:	mIl10ra
Accession:	NP_032374
Insert size:	1741bp
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.

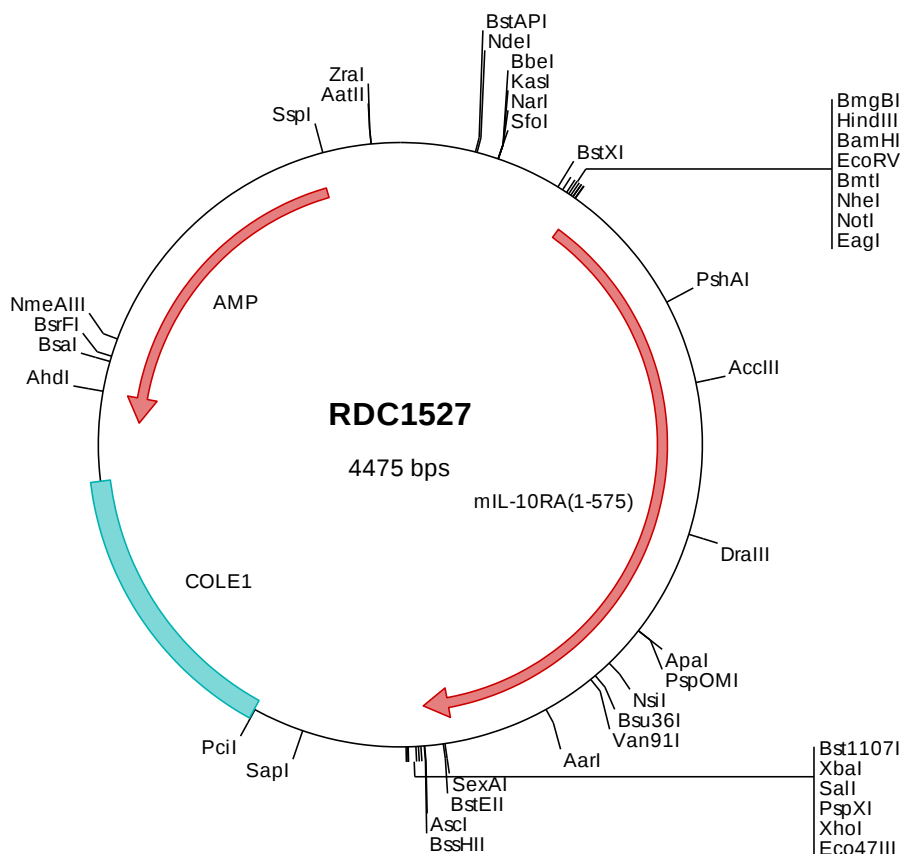
**mIL-10Rα cDNA
Plasmid**

**IL10ra interleukin 10 receptor,
alpha [*Mus musculus* (house
mouse)]**

Also known as: IL10r; CDw210;
CDw210a; mIL-10R; AW553859

Summary:

IL10RA is a transmembrane glycoprotein and is member of the class II cytokine receptor family. IL10RA is required for mediating the effects of IL10, a critical molecule in the control of microbial infections and allergic and autoimmune inflammation. IL10RA is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of IL10RA leads to tyrosine phosphorylation of JAK1 and TYK2 kinases.



> RDC1527 Plasmid DNA Sequence

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> RDC1527 Translated Insert Sequence

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