

Specifications:

Gene:	mIL2RA
Accession:	NP_032393
Insert size:	820bp
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.

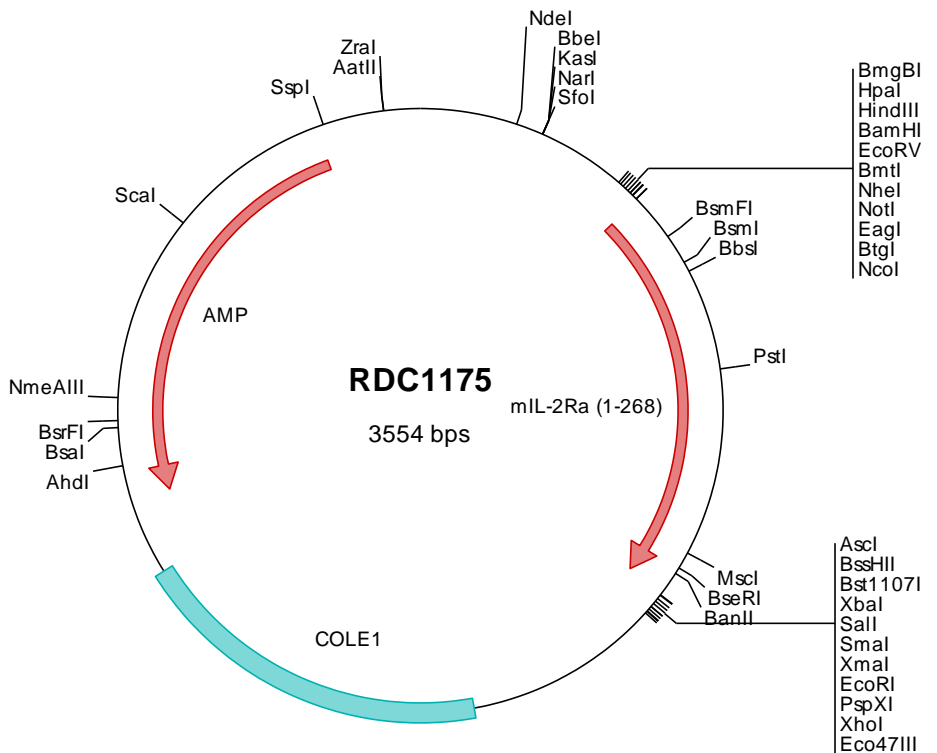
mCD25/IL-2R Alpha cDNA Plasmid

IL2ra interleukin 2 receptor, alpha chain [*Mus musculus* (house mouse)]

Also known as: CD25; IL2r; Ly-43

Summary:

The interleukin 2 receptor alpha associates with the IL2 receptor beta and gamma chains to form a high affinity heterotrimeric receptor complex that transduces IL2 signals. Homodimeric alpha chains result in a low-affinity receptor, while homodimeric beta chains produce a medium-affinity receptor. IL2RA may play an important role in autoimmunity and inflammatory diseases.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1175 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tetgacacat  gcagctcccg  gagacggtea  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1175 Translated Insert Sequence

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