

Specifications:

Gene:	hIL2RA
Accession:	NP_000408
Insert size:	832bp
Concentration:	10µg at 0.2µg/µL

hCD25/IL-2R alpha cDNA Plasmid

IL2RA interleukin 2 receptor, alpha [*Homo sapiens* (human)]

Also known as: CD25; IL2R; TCGFR; IDDM10

Summary:

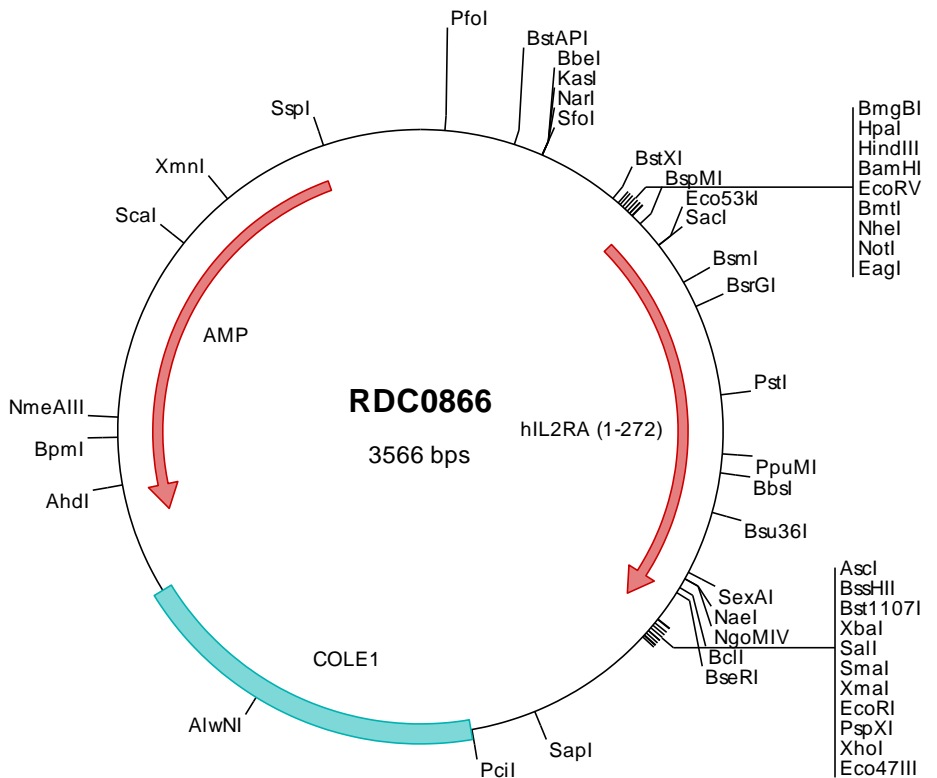
The interleukin 2 receptor alpha associates with the IL2 receptor beta and gamma chains to form a high affinity heterotrimeric receptor complex that transduces IL2 signals. Homodimeric alpha chains result in a low-affinity receptor, while homodimeric beta chains produce a medium-affinity receptor. IL2RA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





> RDC0866 Plasmid DNA Sequence

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> RDC0866 Translated Insert Sequence

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