

Specifications:

Gene:	hIL5RA
Accession:	NP_000555
Insert size:	1275bp
Concentration:	10 μ g at 0.2 μ g/ μ L

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.

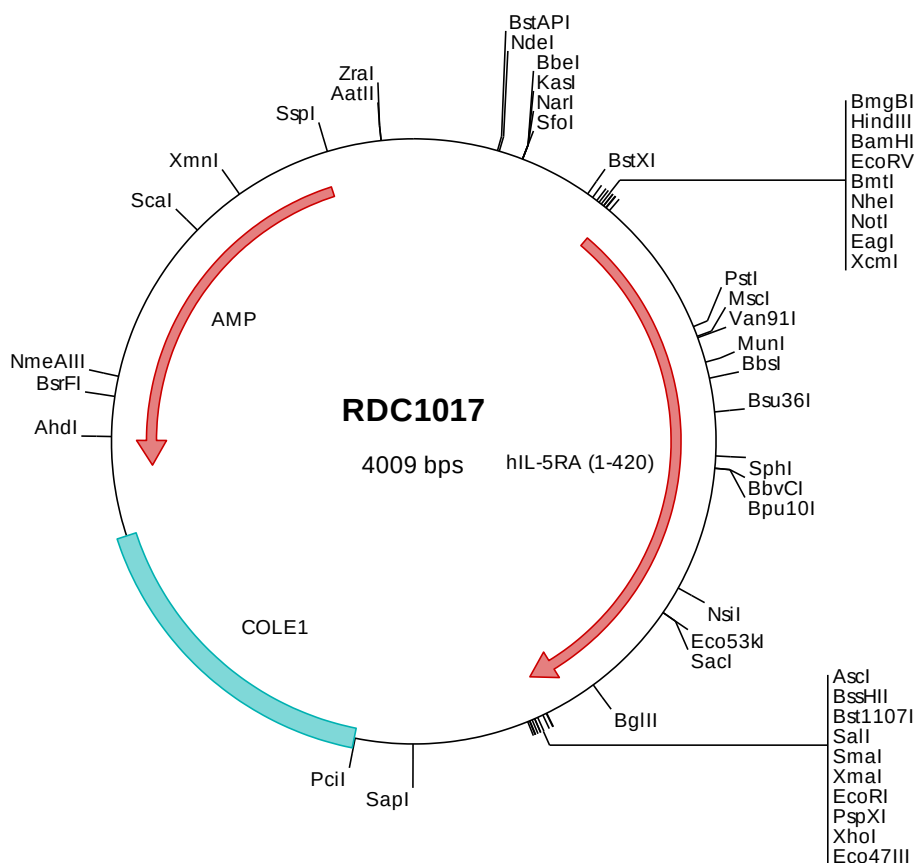
hIL-5 R α cDNA Plasmid

IL5RA interleukin 5 receptor, alpha [*Homo sapiens* (human)]

Also known as: IL5R; CD125; CDw125; HSIL5R3

Summary:

IL5RA is an interleukin 5 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). The binding of IL5RA to IL5 is dependant on the beta subunit. IL5RA has been found to interact with syndecan binding protein (syntenin), which is required for IL5-mediated activation of the transcription factor SOX4. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1017 Plasmid DNA Sequence

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> RDC1017 Translated Insert Sequence

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