

Specifications:

Gene:	hIL11RA
Accession:	NP_001136256
Insert size:	1282bp
Concentration:	10µg at 0.2µg/µL

hIL-11 R alpha cDNA Plasmid

IL11RA interleukin 11 receptor, alpha [*Homo sapiens* (human)]

Also known as: CRSDA

Summary:

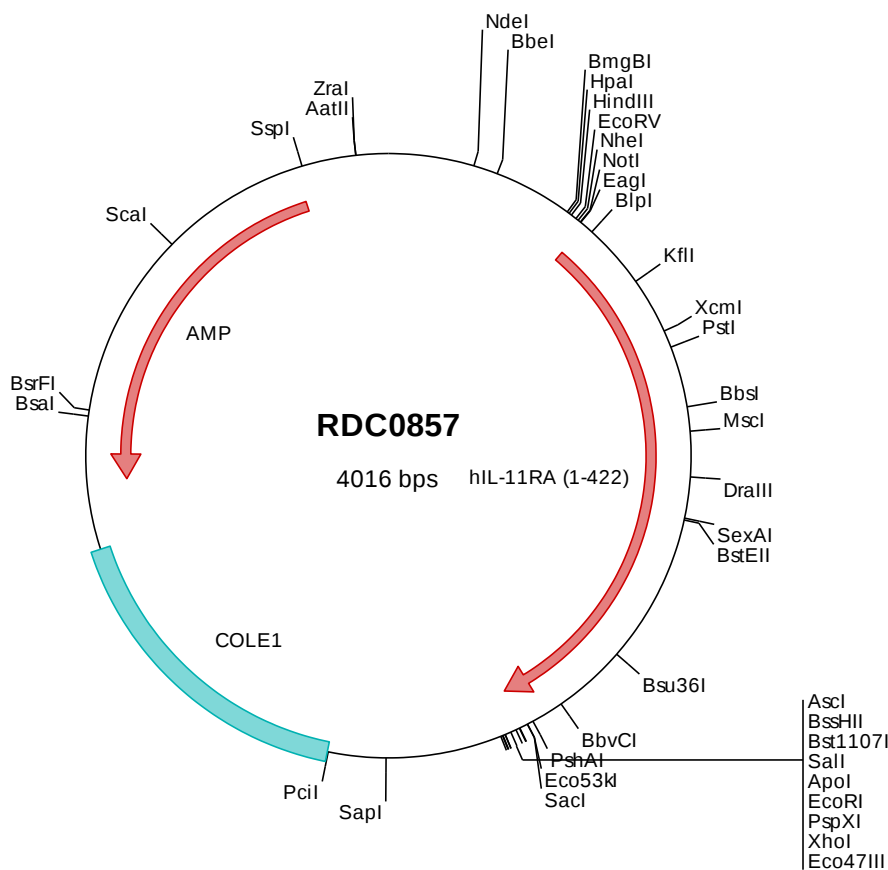
Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines. The IL-11 receptor alpha contains an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. It pairs with the gp130 subunit to transduce a signal upon ligand binding. IL11RA is essential for the normal development of craniofacial bones and teeth, and it may be involved in tumor progression and invasiveness in several tumors. 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.





> RDC0857 Plasmid DNA Sequence

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> RDC0857 Translated Insert Sequence

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201  lgastrlldv slqsilrpdg pgglrvesvp gyprlrsw typaswpcp hflkflrlqy rpqhpawst vepagleevi tdavaglfha vrvsardfld
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401  spkpgflasv ipvdrpgap nl
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