

Specifications:

Gene:	mIL1R2
Accession:	NP_034685
Insert size:	1246bp
Concentration:	10µg at 0.2µg/µL

mIL-1RII cDNA Plasmid

Il1r2 interleukin 1 receptor, type II [*Mus musculus* (house mouse)]

Also known as: CD121b; Il1r-2

Summary:

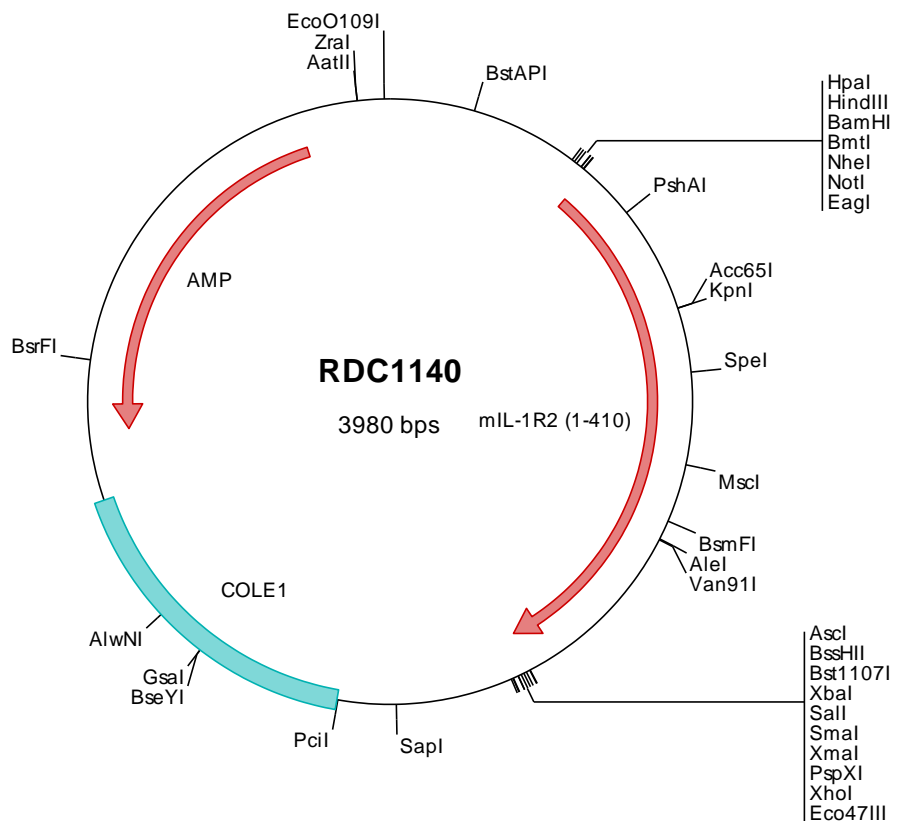
IL1R2 is a cytokine receptor that belongs to the interleukin 1 receptor family. IL1R2 associates with IL1RAP to form a non-signaling interleukin-1 receptor complex. It binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. IL1R2 is found on B lymphocytes, neutrophils, monocytes, large granular leukocytes, and endothelial cells. Alternative splicing produces both membrane-bound and soluble IL1R2.

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.





> RDC1140 Plasmid DNA Sequence

1 tcgctggctt cggatgatgc ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
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401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc gggccgccacc atgttcaatc tgcttgggtt agtaactgga gtttctgctt tcaccactcc
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> RDC1140 Translated Insert Sequence

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201 ptrllisnts mddagyyrcv mtftyngqey nitrnielrv kgtttepipv iispletipa slgsrlivpc kvflgtgtss ntivwplans tfisaayprg
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401 dnqdfpsspn