

Specifications:

Gene:	mIl23r
Accession:	NP_653131
Insert size:	1993bp
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.

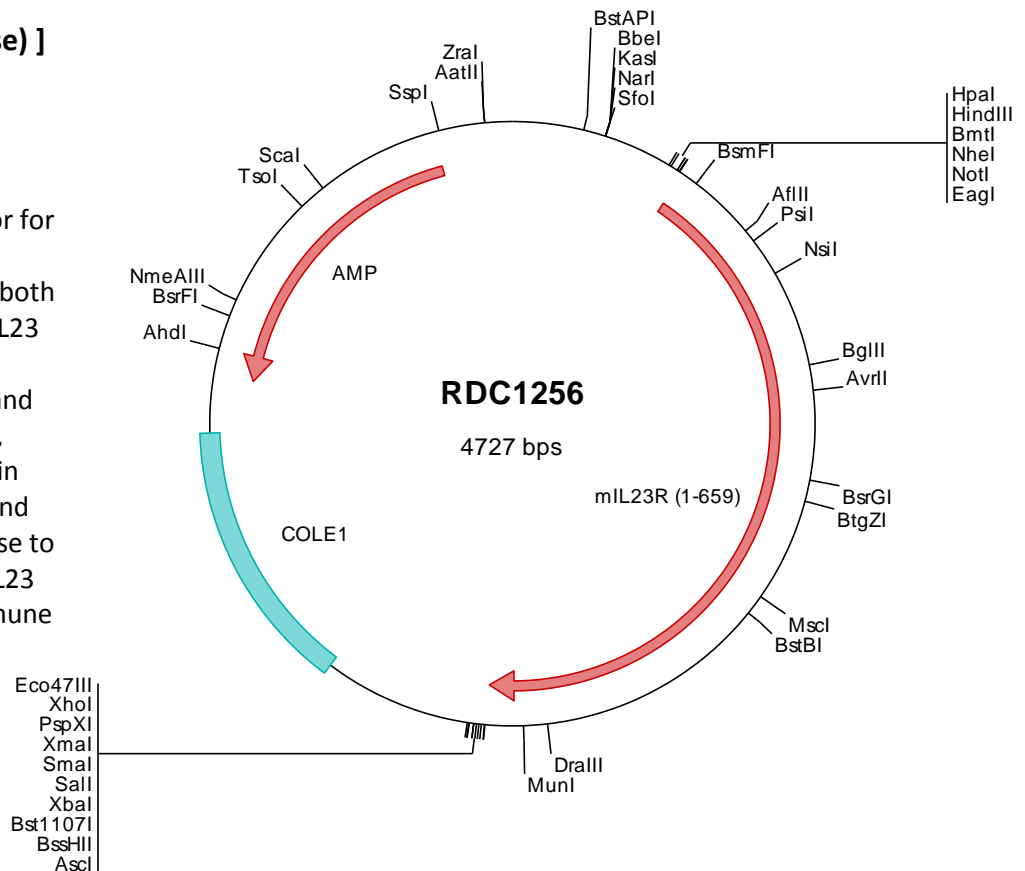
mIL-23R cDNA Plasmid

IL23r interleukin 23 receptor
[*Mus musculus* (house mouse)]

Also known as: IL-23R

Summary:

IL23R is a subunit of the receptor for IL23A/IL23. IL23R pairs with the receptor molecule IL12RB1 and both are required for IL23 signaling. IL23 initiates a signal transduction cascade similar to that of IL12, and involves Jak2, Tyk2, Stat1, Stat3, Stat4, and Stat5. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1256 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgcgcat caggctgcgc aactgttggg aaggcgcatc ggtcggggcc tcttcgctat
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> RDC1256 Translated Insert Sequence

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