

Specifications:

Gene:	mIl18r1
Accession:	NP_032391
Insert size:	1627bp
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.

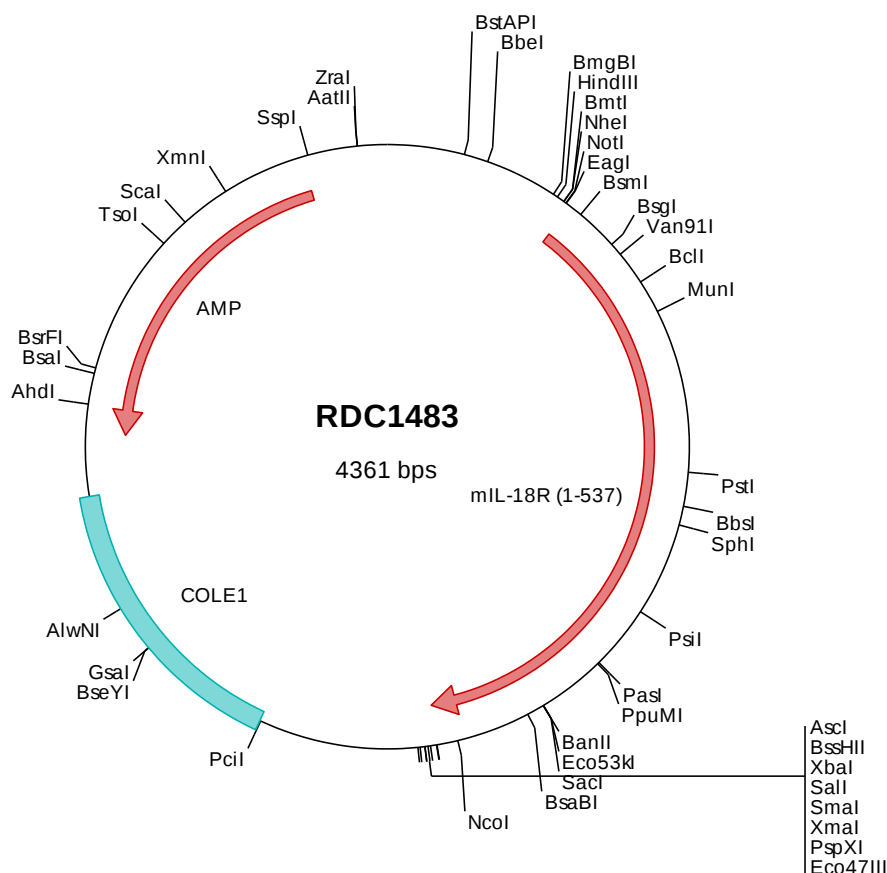
mIL-18 Rα/IL-1R5 cDNA Plasmid

Il18r1 interleukin 18 receptor 1
[*Mus musculus* (house mouse)]

Also known as: Il1rrp; Il18ralpha

Summary:

IL18R1 is a cytokine receptor that belongs to the interleukin 1 receptor family. IL18R1 specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of IL18R1 in NK and T cells. The coexpression of IL18R1 and IL18RAP is required for the activation of NF-kappaB and MAPK8 (JNK) in response to IL18. IL18R1 is highly expressed in Hodgkin disease cell lines.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1483 Plasmid DNA Sequence

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> RDC1483 Translated Insert Sequence

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