

Specifications:

Gene:	hIL37
Accession:	NP_055254
Insert size:	670bp
Concentration:	10µg at 0.2µg/µL

hIL-37b/IL-1F7b cDNA Plasmid

IL37 interleukin 37 [*Homo sapiens* (human)]

Also known as: FIL1; FIL1Z; IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1; FIL1(ZETA)

Summary:

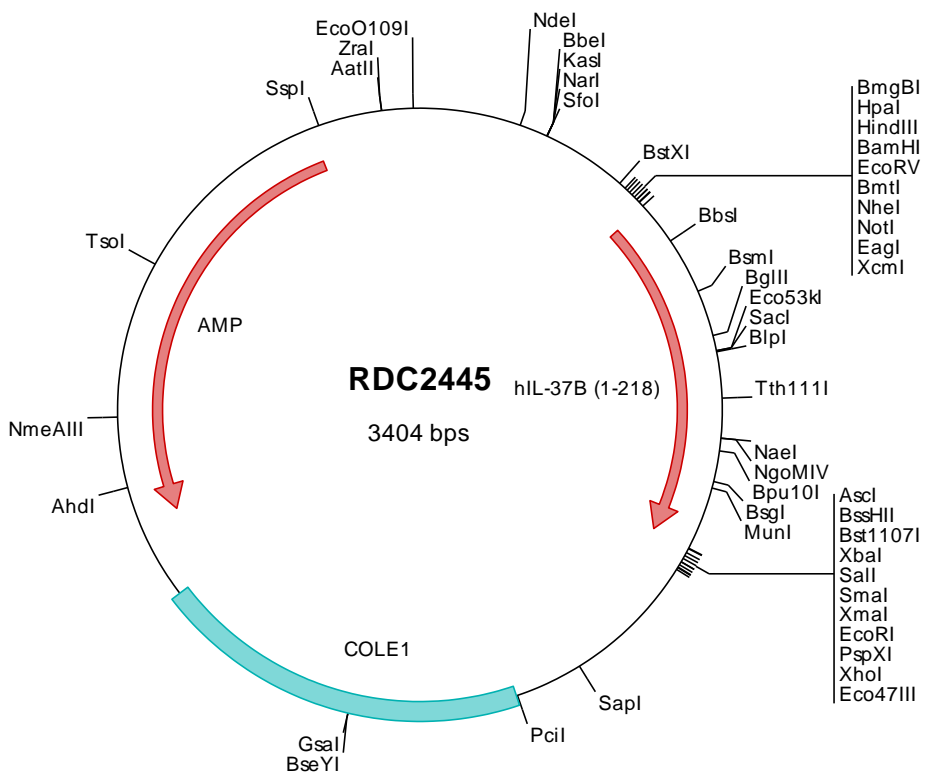
IL-37 is a member of the interleukin 1 cytokine family. IL-37 can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). It also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. Five isoforms are generated through alternative exon usage and have distinct expression profiles. This is isoform IL-37B.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2445 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaaacc  totgacacat  gcaagctcccg  gagacgggtca  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccg
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> RDC2445 Translated Insert Sequence

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