

Specifications:

Gene:	hIL37
Accession:	NP_775297
Insert size:	592bp
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.

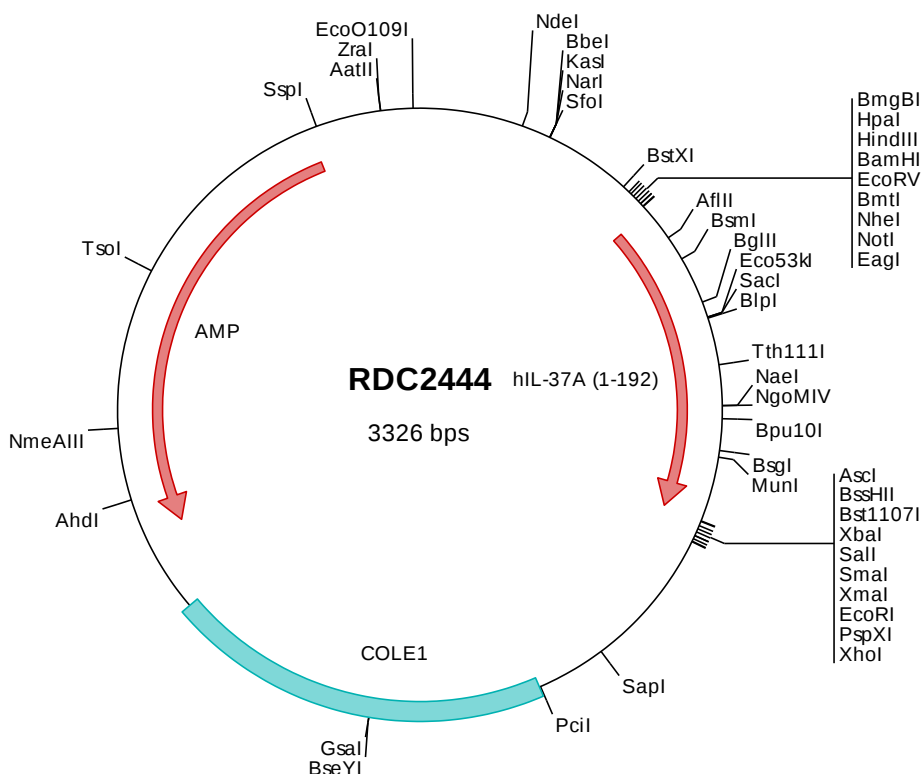
hIL-37/IL-1F7 cDNA Plasmid

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-1R α). 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-37A.



> RDC2444 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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3201 tttagaaaaa  taaacaaata  ggggttccgc  gcacatttcc  ccgaaaagtg  ccacctgacg  tctaagaaac  cattattatc  atgacattaa  cctataaaaa
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> RDC2444 Translated Insert Sequence

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