*h*IL-29/IFN-λ1 VersaClone cDNA

Catalog Number: RDC3612

Specifications:

Gene:	*h*IFNL1
Accession:	NP_742152.1
Insert size:	615bp
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

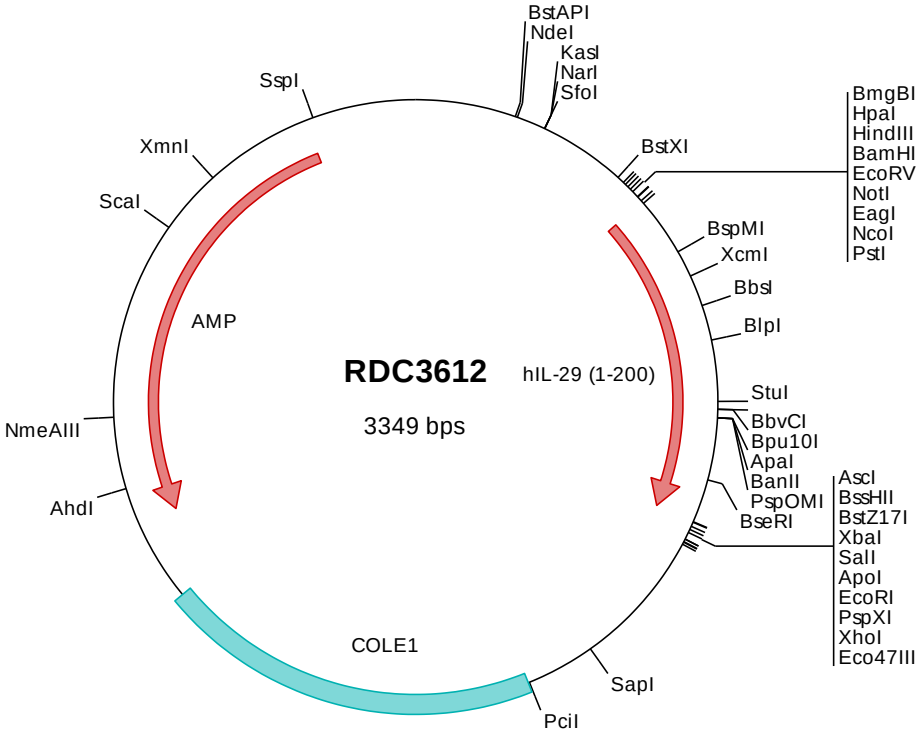
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*IL-29/IFN-λ1 cDNA Plasmid

IFNL1 interferon lambda 1
[*Homo sapiens* (human)]

Also known as: IL29; IL-29

Summary:
IFNL1 is a cytokine distantly related to type I interferons and the IL-10 family. IFNL1, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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R&D SYSTEMS

> RDC3612 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggctgcag cttggaccgt ggtgctggtg actttggtgc taggcttggc
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2001  gccagttacc ttcggaaaaa gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcggtggt ttttttgttt gcaagcagca gattacgcgc
2101  agaaaaaaag gatctcaaga agatcctttg atcttttcta cggggtctga cgctcagtgg aacgaaaact cacgttaagg gattttggtc atgagattat
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2301  aatcagtgag gcacctatct cagcgatctg tctatttcgt tcatccatag ttgcctgact ccccgtcgtg tagataacta cgatacggga gggcttacca
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> RDC3612 Translated Insert Sequence

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