*m*IL-31RA VersaClone cDNA

Catalog Number: RDC1253

Specifications:

Gene:	*m*Il31ra
Accession:	AAM27959
Insert size:	2163bp
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

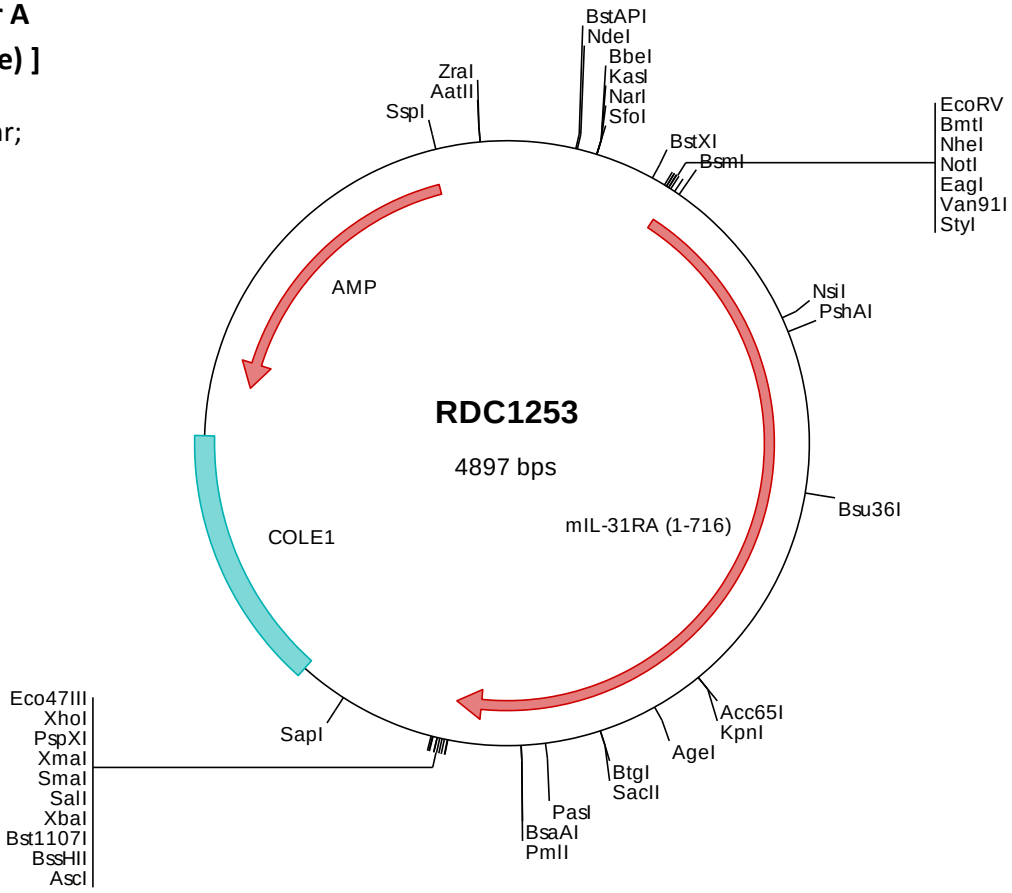
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IL-31RA cDNA Plasmid

Il31ra interleukin 31 receptor A
[*Mus musculus* (house mouse)]

Also known as: GPL; CRL3; Glmr; NR10; GLM-R

Summary:
IL31RA belongs to the type I cytokine receptor family. IL31RA is expressed on monocytes, and is involved in IL-31 signaling via activation of STAT-3 and STAT-5. It functions either as a monomer, or as part of a receptor complex with oncostatin M receptor (OSMR). IL31RA is also expressed on keratinocytes, dorsal root ganglia neurons, and variably on lung epithelial cells. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1253 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 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 atgtggacct tggcactgtg ggcattctct ttcctctgca aattcagcct
 501  ggcagtcctg ccgactaagc cagagaacat ttcctgcgtc ttttacttcg acagaaatct gacttgcact tggagaccag agaaggaaac caatgatacc
 601  agctacattg tgactttgac ttactcctat ggaaaaagca attatagtga caatgctaca gaggcttcat attcttttcc ccgttcctgt gcaatgcccc
 701  cagacatctg cagtgttgaa gtacaagctc aaaatggaga tggtaaagtt aaatctgaca tcacatattg gcatttaatc tccatagcaa aaaccgaacc
 801  acctataatt ttaagtgtga atccaatttg taatagaatg ttccagatac aatggaaacc gcgtgaaaag actcgtgggt ttcctttagt atgcatgctt
 901  cggttcagaa ctgtcaacag tagccgctgg acggaagtca attttgaaaa ctgtaaacag gtctgcaacc tcacaggact tcaggctttc acagaatatg
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1101  cctgtggaga attctggaac cagcagacat gaacggagac aggaaggtgc gattgctgtg gaagaaggca agaggagccc ccgtctttga gaaaacattt
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1801  ggtggaaaag aactctccaa gactgttaac tctcatgccc tgcagtgtga cctggagtct ctgacacgaa ggacctctta tactgtttgg gtcatggcca
1901  gcaccagagc tggaggtacc aacggggtga gaataaactt caagacattg tcaatcagtg tgtttgaaat tgtccttcta acatctctag ttggaggagg
2001  ccttcttcta cttagcatca aaacagtgac ttttggcctc agaaagccaa accggttgac tcccctgtgt tgtcctgatg ttcccaaccc tgctgaaagt
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2901  cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg
3001  gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc tggcgttttt ccataggctc cgcccccctg
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> RDC1253 Translated Insert Sequence

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 201  skeetrvtme evphvldlwr ilepadmngd rkvrllwkka rgapvlektf gyhiqyfaen stnlteinni ttqqyelllm sqahsvsvts fnslgksqet
 301  ilripdvhek tfqyiksmqa yiaepllvvn wqssipavdt wivewlpeaa mskfpalswe svsqvtnwti eqdklkpftc ynisvypvlg hrvgepysiq
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 501  sisvfeivll tslvggglll lsiktvtfgl rkpnrltplc cpdvpnpaes slatwlgdgf kksnmketgn sgntedvvlk pcpvpadlid klvvnfenfl
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 701  eflvhenipe hskgev
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