*m*IL-11 VersaClone cDNA

Catalog Number: RDC3520

Specifications:

Gene:	*m*Il11
Accession:	NP_032376.1
Insert size:	613bp
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

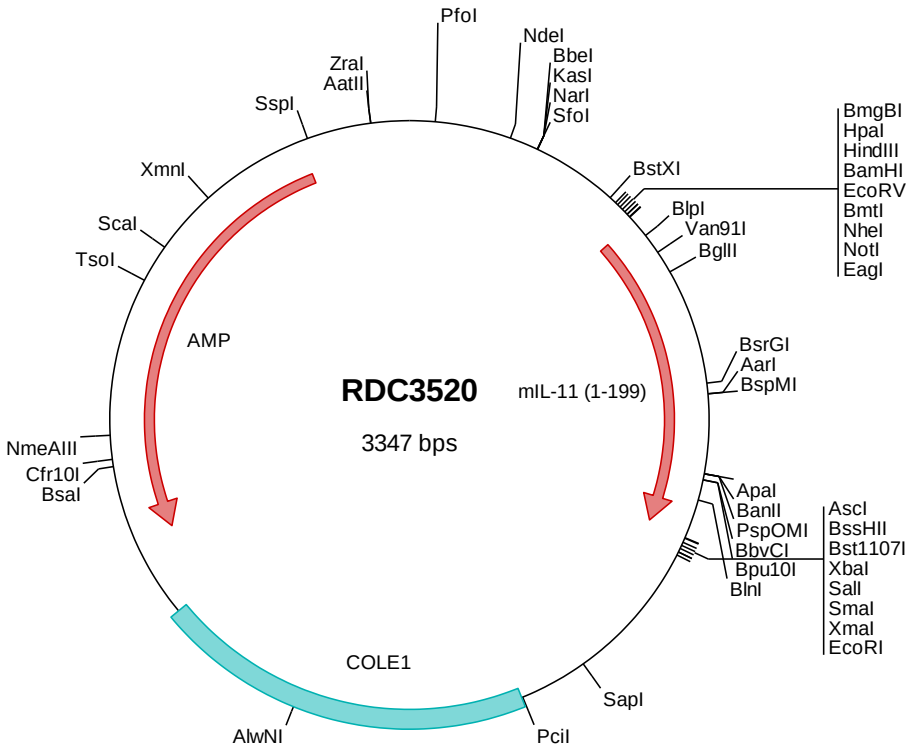
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IL-11 cDNA Plasmid

Il11 interleukin 11 [*Mus musculus* (house mouse)]

Also known as: IL-11

Summary:
IL-11 is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). IL-11 is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells.



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NOT FOR USE IN HUMANS

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R&D SYSTEMS

> RDC3520 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 atgaactgtg tttgtcgcct ggtcctggtg gtgctgagcc tctggccaga
 501  tagagtcgtt gcccctgggc caccagctgg ctcccctcga gtctcttcag accctcgagc agatctggac agcgctgttc tcctaacccg atcctcctg
 601  gcagacacac ggcaactagc tgcacagatg agagacaaat tcccagctga cggagatcac agtctggact ccctgcccac cttggccatg agcgctggga
 701  cattgggatc tttgcagctt cctggtgtgc tgacaaggct tcgagtagac ttgatgtcct acctccggca tgtacaatgg ctgcgccgtg caggtggtcc
 801  ttccctaaag actctggagc cagagctggg tgccctgcaa gcccgactgg aacggctact ccgccgttta cagctcttga tgtctcgcct ggccttgccc
 901  caggcagccc cagaccaacc tgtgatcccc ctgggcctc ctgcctcagc ctggggaagc atccgggcag ctcatgccat cctaggaggg ctgcacctga
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1401  cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa
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1701  cgggaagcgt ggcgctttct caatgctcac gctgtaggta tctcagttcg gtgtaggtcg ttcgctccaa gctgggctgt gtgcacgaac ccccgttca
1801  gcccgaccgc tgcgccttat ccggtaacta tcgtcttgag tccaacccgg taagacacga cttatcgcca ctggcagcag ccactggtaa caggattagc
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2301  tcagtgaggc acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc
2401  tggccccagt gctgcaatga taccgcgaga cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt
2501  cctgcaactt tatccgcctc catccagtct attaattgtt gccgggaagc tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg
2601  ctacaggcat cgtggtgtca cgctcgtcgt ttggtatggc ttcattcagc tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa
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2801  gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa gtcattctga gaatagtgta tgcggcgacc gagttgctct tgcccggcgt
2901  caatacggga taataccgcg ccacatagca gaactttaaa agtgctcatc attggaaaac gttcttcggg gcgaaaactc tcaaggatct taccgctgtt
3001  gagatccagt tcgatgtaac ccactcgtgc acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag caaaaacagg aaggcaaaat
3101  gccgcaaaaa agggaataag ggcgacacgg aaatgttgaa tactcatact cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga
3201  gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat
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> RDC3520 Translated Insert Sequence

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