*m*IL-17B VersaClone cDNA

Catalog Number: RDC3717

Specifications:

Gene:	*m*Il17b
Accession:	NP_062381.1
Insert size:	556bp
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

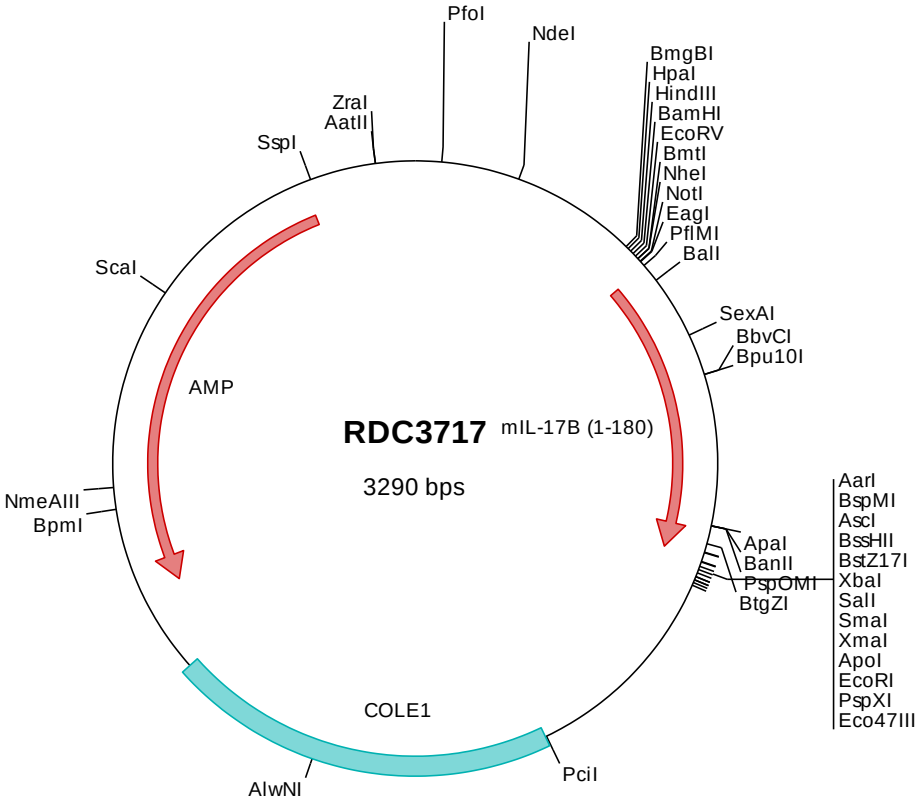
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*IL-17B cDNA Plasmid

Il17b interleukin 17B [*Mus musculus* (house mouse)]

Also known as: Zcyto7; 1110006O16Rik; 1700006N07Rik

Summary:
Il17b enables cytokine activity and acts upstream of or within positive regulation of cytokine production involved in inflammatory response. It is predicted to be located in the extracellular space and is expressed in several structures, including central nervous system, dorsal root ganglion, limb, limb bud, and trunk. Il17b is orthologous to human IL17B (interleukin 17B).



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3717 Plasmid DNA Sequence

```
   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atggactggc cgcacagcct gctcttcctc ctggccatct ccatcttcct
 501  ggcgccaagc caccccggga acaccaaagg caaaagaaaa gggcaaggga ggcccagtcc cttggcccct gggcctcatc aggtgccgct ggacctggtg
 601  tctcgagtaa agccctacgc tcgaatggaa gagtatgagc ggaaccttgg ggagatggtg gcccagctga ggaacagctc cgagccagcc aagaagaaat
 701  gtgaagtcaa tctacagctg tggttgtcca acaagaggag cctgtcccca tggggctaca gcatcaacca cgaccccagc cgcatccctg cggacttgcc
 801  cgaggcgcgg tgcctatgtt tgggttgcgt gaatcccttc accatgcagg aggaccgtag catggtgagc gtgccagtgt tcagccaggt gccggtgcgc
 901  cgccgcctct gtcctcaacc tcctcgccct gggccctgcc gccagcgtgt cgtcatggag accatcgctg tgggttgcac ctgcatcttc taaaggcgcg
1001  ccagtatact ctagagtcga cacccgggga attcctcgag cgctcgtctc tagcttggcg taatcatggt catagctgtt tcctgtgtga aattgttatc
1101  cgctcacaat tccacacaac atacgagccg gaagcataaa gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact
1201  gcccgctttc cagtcgggaa acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc
1301  tcgctcactg actcgctgcg ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg
1401  caggaaagaa catgtgagca aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca
1501  tcacaaaaat cgacgctcaa gtcagaggtg gcgaaacccg acaggactat aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt
1601  ccgaccctgc cgcttaccgg atacctgtcc gcctttctcc cttcgggaag cgtggcgctt tctcaatgct cacgctgtag gtatctcagt tcggtgtagg
1701  tcgttcgctc caagctgggc tgtgtgcacg aaccccccgt tcagcccgac cgctgcgcct tatccggtaa ctatcgtctt gagtccaacc cggtaagaca
1801  cgacttatcg ccactggcag cagccactgg taacaggatt agcagagcga ggtatgtagg cggtgctaca gagttcttga agtggtggcc taactacggc
1901  tacactagaa ggacagtatt tggtatctgc gctctgctga agccagttac cttcggaaaa agagttggta gctcttgatc cggcaaacaa accaccgctg
2001  gtagcggtgg ttttttttgtt tgcaagcagc agattacgcg cagaaaaaaa ggatctcaag aagatccttt gatcttttct acggggtctg acgctcagtg
2101  gaacgaaaac tcacgttaag ggattttggt catgagatta tcaaaaagga tcttcaccta gatcctttta aattaaaaat gaagttttaa atcaatctaa
2201  agtatatatg agtaaacttg gtctgacagt taccaatgct taatcagtga ggcacctatc tcagcgatct gtctatttcg ttcatccata gttgcctgac
2301  tccccgtcgt gtagataact acgatacggg agggcttacc atctggcccc agtgctgcaa tgataccgcg agacccacgc tcaccggctc cagatttatc
2401  agcaataaac cagccagccg gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc ctccatccag tctattaatt gttgccggga agctagagta
2501  agtagttcgc cagttaatag tttgcgcaac gttgttgcca ttgctacagg catcgtggtg tcacgctcgt cgtttggtat ggcttcattc agctccggtt
2601  cccaacgatc aaggcgagtt acatgatccc ccatgttgtg caaaaaagcg gttagctcct tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt
2701  gttatcactc atggttatgg cagcactgca taattctctt actgtcatgc catccgtaag atgcttttct gtgactggtg agtactcaac caagtcattc
2801  tgagaatagt gtatgcggcg accgagttgc tcttgcccgg cgtcaatacg ggataatacc gcgccacata gcagaacttt aaaagtgctc atcattggaa
2901  aacgttcttc ggggcgaaaa ctctcaagga tcttaccgct gttgagatcc agttcgatgt aacccactcg tgcacccaac tgatcttcag catcttttac
3001  tttcaccagc gtttctgggt gagcaaaaac aggaaggcaa aatgccgcaa aaaagggaat aagggcgaca cggaaatgtt gaatactcat actcttcctt
3101  tttcaatatt attgaagcat ttatcagggt tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggggtt ccgcgcacat
3201  ttccccgaaa agtgccacct gacgtctaag aaaccattat tatcatgaca ttaacctata aaaataggcg tatcacgagg ccctttcgtc
```

> RDC3717 Translated Insert Sequence

```
  1  mdwphsllfl laisiflaps hprntkgkrk gqgrpsplap gphqvpldlv srvkpyarme eyernlgemv aqlrnssepa kkkcevnlql wlsnkrslsp
101  wgysinhdps ripadlpear clclgcvnpf tmqedrsmvs vpvfsqvpvr rrlcpqpprp gpcrqrvvme tiavgctcif
```