

Specifications:

Gene:	hIL17D
Accession:	NP_612141.1
Insert size:	622bp
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.

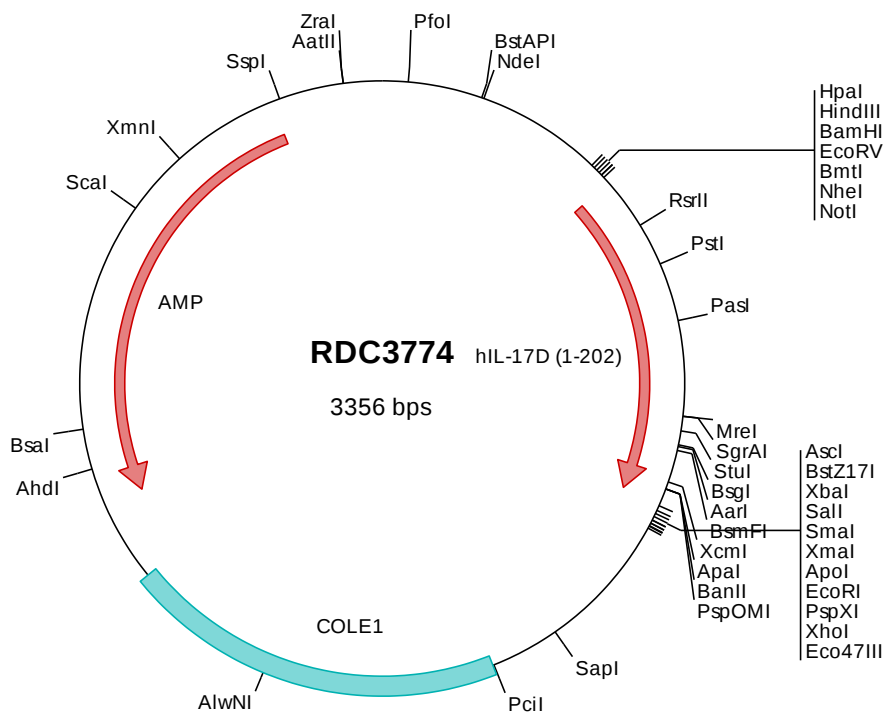
hIL-17D cDNA Plasmid

IL17D interleukin 17D [*Homo sapiens* (human)]

Also known as: IL-17D

Summary:

IL17D is a cytokine that shares the sequence similarity with IL17. The treatment of endothelial cells with IL17D has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by IL17D was found to be NF-kappa B-dependent.



> RDC3774 Plasmid DNA Sequence

```

1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccg
101  tcagggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  ctttaactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctgcgc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
301  tacgccagct  ggcgaaagg  ggatgtgctg  caaggcgatt  aagttgggta  acgccagggt  tttcccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgccacc  atgctggtag  ccggcttcc  gctggcgctg  ccgcgagct  gggccgcggg
501  cgcgccgagg  ggcggcaggc  gcccgacacg  gcccgggggc  tgcgcggacc  ggccggagga  gctactggag  cagctgtacg  ggcgcctggc  agccgcgctg
601  ctcagtgcct  tccaccacac  gctgcagctg  gggccgcgctg  agcaggcgcg  caacgcgagc  tgcccgccag  ggggcaggcc  ccgcgacgcg  cgettcgggc
701  cgcgccacca  cctgcgcagc  gtgtgcgcct  gggcctacag  aatctcctac  gaccgcggca  ggtaccccag  gtacctgcct  gaagcctact  gcctgtgcct
801  gggctgcctg  accgggctgt  tcggcgagga  ggaagtgcgc  ttccgcagcg  ccctgtctca  catgcccacc  gtcgtcctgc  gccgcacccc  cgctgcgcct
901  ggccgcgctt  ccgtctacac  cgaggcctac  gtcaccatcc  ccgtgggctg  cactctgcct  cccgagccgg  agaaggacgc  agacagcctc  aactccagca
1001  tcgacaaaac  ggcgcgcaag  ctcctgctgg  gccccaacga  cgcgcgcgct  ggccctaaaa  ggcgcgccc  tatactctag  agtcgacacc  cggggaattc
1101  ctcgagcgct  cgtctctagc  ttggcgtaat  catggtcata  gctgtttcct  gtgtgaaatt  gttatccgct  cacaattcca  cacaacatac  gagccggaag
1201  cataaagtgt  aaagcctggg  gtgcctaata  agtgaagtaa  ctcacattaa  ttgcgttgcg  ctcactgccc  gctttccagt  cgggaaacct  gtcgtgccag
1301  ctgcattaat  gaatcggcca  acgcgcggg  agaggcggtt  tgcgtattgg  gcgctcttcc  gcttccctcg  tcactgactc  gctgcgctcg  gtcgttcggc
1401  tgcgcgcagc  ggtatcagct  cactcaaaag  cggtaataac  gttatccaca  gaatcagggg  ataacgcagg  aaagaacatg  tgagcaaaag  gccagcaaaa
1501  ggccaggaaac  cgtaaaaagg  ccgcgttgct  ggcgttttcc  cataggctcc  gcccccctga  cgagcatcac  aaaaatcgac  gctcaagtca  gaggtggcga
1601  aaccgcagac  gactataaag  ataccaggcg  ttccccctg  gaagctccct  cgtgcgctct  cctgttccga  ccctgccgct  taccggatac  ctgtccgctc
1701  ttctcccttc  ggggaagcgt  gcgctttctc  aatgctcagc  ctgtaggtat  ctcagttcgg  tctaggtcgt  tcgctccaag  ctgggctgtg  tgcacgaacc
1801  ccccgttcag  ccgacgcgct  gcgccttctc  cggtaactat  cgtcttgagt  ccaaccgggt  aagacacgac  ttatcgccac  tggcagcagc  cactggtaac
1901  aggattagca  gagcgaggta  tgtaggcggt  gctacagagt  tcttgaagtg  gtggcctaac  tacggctaca  ctagaaggac  agtatttggt  atctgcgctc
2001  tgctgaagcc  agttaccttc  ggaaaaagag  ttggtagctc  ttgatccggc  aaacaaacca  ccgctggtag  cggtggtttt  tttgtttgca  agcagcagat
2101  tacgcgcaga  aaaaaaggat  ctcaagaaga  tcctttgatc  ttttctacgg  ggtctgacgc  tcagtggaa  gaaaactcac  gttaaaggat  tttggtcatg
2201  agattatcaa  aaaggatcct  cacctagatc  cttttaaatt  aaaaatgaag  ttttaaatca  atctaaagta  tatatgagta  aacttggtct  gacagttacc
2301  aatgcttaat  cagtgaagca  cctatctcag  cgatctgtct  atttcgttca  tccatagttg  cctgactccc  cgtcgtgtag  ataactacga  tacgggaggg
2401  cttaccatct  ggcgccagtg  ctgcaatgat  acgcgcagac  ccacgctcac  cggctccaga  tttatcagca  ataaaccagc  cagccggaag  gccgagcgcc
2501  agaagtggtc  ctgcaacttt  atccgcctcc  atccagctca  ttaattgttg  ccgggaagct  agagtaagta  gttcgccagt  taatagtttg  cgcaacgttg
2601  ttgccattgc  tacaggcatc  gtggtgtcac  gctcgtcgtt  tggtatggct  tcattcagct  ccggttccca  acgatcaagg  cgagttacat  gatcccccat
2701  gttgtgcaaa  aaagcggtta  cgtccttcgg  tcctccgata  gttgtcagaa  gtaagtggc  cgcagtgtta  tcaactatgg  ttatggcagc  actgcataat
2801  tctcttactg  tcatgccatc  gctaaagatg  tttttctgta  ctggtgagta  ctcaaccaag  tcattctgag  aatagtgtat  gcggcgacgg  agttgctctt
2901  gcccgcgctc  aatacgggat  aataccgcgc  cacatagcag  aactttaaaa  gtgctcatca  ttggaaaaacg  ttcttcgggg  cgaaaaactct  caaggatctt
3001  accgctgttg  agatccagtt  cgatgtaacc  cactcgtgca  cccaactgat  cttcagcctc  ttttacttct  accagcgttt  ctgggtgagc  aaaaacagga
3101  aggcaaaaatg  ccgcaaaaaa  gggaataagg  gcgacacgga  aatgttgaat  actcatactc  ttccttttct  aatattattg  aagcatttat  cagggttatt
3201  gtctcatgag  cggatacata  tttgaatgta  tttagaaaaa  taacaaaata  ggggttccgc  gcacatttcc  ccgaaaagtg  ccacctgacg  tctaagaaac
3301  cattattatc  atgacattaa  cctataaaaa  taggcgtatc  acgagggcct  ttcgtc

```

> RDC3774 Translated Insert Sequence

```

1   mlvagfillal ppswaagapr agrparprg cadrpeelle qlygrlaagv lsafhhtlql gpreqarnas cpaggrpadr rfrpntlrs vspwayrisy
101  dparyprylyp eayclcrqcl tglfgeedvr frsapvympt vvlrrtpaca ggrsvyteay vtipvgtctv pepekdadsi nssidkqgak lllgpndapa
201  gp

```