

Specifications:

Gene:	cynoLILRB5
Accession:	XP_005590354.1
Insert size:	1786bp
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.

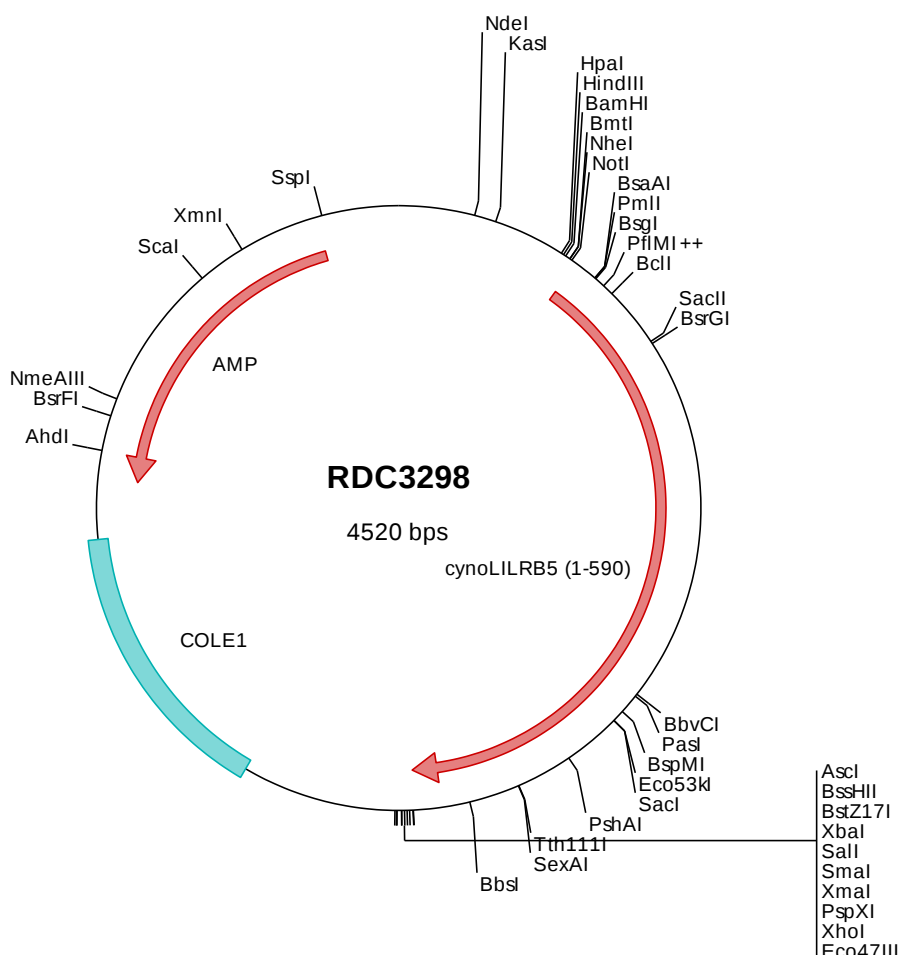
cynoLILRB5/CD85c cDNA Plasmid

LOC102129427 leukocyte immunoglobulin-like receptor subfamily B member 5 [*Macaca fascicularis* (crab-eating macaque)]

Also known as: LILRB5

Summary:

LILRB5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. It belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response.



> RDC3298 Plasmid DNA Sequence

```

1   tcgcgcgttt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
101  tcaggggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  cttactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctgcgc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
301  tacgccagct  ggcgaaagg  ggatgtgctg  caaggcgatt  aagttgggta  agccagggt  tttccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgcacc  atgacctca  cctccagtc  cctgatgtgc  ctccgggttg  gtctggggcc
501  caggaccacac  gtgcaggcgg  gcacccccc  caaacccacc  ctctgggctg  agccaggctc  tgtgatcata  agggggagcc  ccgtgacct  ctggtgtcag
601  gggcccccgg  agaactcagg  gtaccgtctg  gatcaggagg  gactcccggt  gacctggggg  agacagaacc  cactggagcc  tggagccaag  gccaaattcc
701  acattcgctc  cgcgggtgtac  agcaactgcg  ggcgataccg  ctgctacttt  gagaccctg  caggctggtc  agagcccagt  gacccctgg  agctggtggt
801  gacaggattc  tatgcagagc  ccactctctt  agccctgccc  agccctgtgg  tggcctcagg  agggaaactg  accctccagt  gtgataatcg  gaacggattt
901  ctcaagtttg  ttcttgttga  ggaagaacag  aagctcccca  ggacctgtga  ctacacagaac  ctccccaagg  ggcatcccca  ggcctgttc  cctgtgggtc
1001  cctgacacac  cagctccagg  ttgaggttca  gatgtctatta  ctactacagg  aaaaaccctc  aggcgtggtc  gaaccccagc  gacccctgg  agattctggt
1101  ccagggcgtg  totaggaagc  cctccctcct  ggcccgcag  ggccctgtgg  tggcccgtgg  aggcagcctg  accctgcagt  gtctctctga  tctoggtac
1201  gacagattcg  ctctgtacca  ggagggggga  catgtctctc  tcacaagccc  tggccagcag  ccccaggctg  ggctctccca  ggccaacttc  accctgagcc
1301  ctgtgagctg  ctccacgggg  gccacgtaca  gatgctacgg  tggacacaa  ctctccctca  agtggctggc  cccctagtgc  cccctggata  tccgtatcgc
1401  aggaactgatc  cgtgacacac  cctccgtctc  agtgcggcgc  ggccccacgg  tggcctcagg  agagaactgt  accctgtctg  gtcaatcatg  gcaacaata
1501  gacaatttat  ttttgaccaa  ggaggggtgc  gccatcccc  cgctgctctc  aaagtgcagg  taccagtctt  atacatacca  ggttgaaatt  tccatgagtc
1601  ctgtgacctc  agccacgggt  ggaacctacc  gatgctacag  cgcaatcagg  tcttaccctc  acctgtctgc  aagccctagt  tacccctgtg  agctctggtt
1701  ctcaggaccc  totggggacc  ccagccccc  accacagggc  tccaccccca  cactgtggcc  tgaggaccag  cccctacccc  ccacggggtc  agacccccc
1801  agtggctcgg  gaagggacct  ggggggtgtg  acgggggtct  cagtggtcct  aggggctcgg  aggaacggagc  ggagctggac  agtccggctg  ctgcattctg
1901  agagcaaaac  cagccacggg  gccattctat  acgggtctgc  aggggctcgg  aggggctcgg  aggaacggagc  ggagctggac  agtccggctg  ctgcattctg
2001  tgacgtccac  gaggaaattc  tcaatgctgc  cgtgaaggac  acacagcctc  aggaacggagc  ggagctggac  agtccggctg  ctgcattctg  agacccccc
2101  gacgtgacct  agcccccagt  gcagagcttg  accctcagac  gggaggcaga  tgagcctcct  ccatccagg  aaggggaaac  tccagttgag  ccagagctct
2201  ttgagactct  ggccatccac  taaaggcgcg  ccagtatact  ctgagtgctg  caccggggga  attcctcgag  cgctcgtctc  tagcttggcg  taatcatggt
2301  catagctggt  tctctgttga  aattgtttat  cgctcacact  tccacacaa  atacgagccg  gaagcataaa  gtgtaaaagg  tgggggtcct  aatgagtgag
2401  ctaactcaca  ttaattcgct  tgcgctcact  gcccgcttct  cagctgggaa  acctgtcgtg  ccagctgcat  taatgaatcg  gccacgcgc  ggggagaggc
2501  ggtttgctga  ttgggctctc  ttccgcttcc  tcgctcactg  actcgctcgc  ctgggtcgtt  cggctgcggc  gagcgggtat  gactcactca  aaggcggtaa
2601  tacggttatc  cacagaatca  ggggataaag  caggaaagaa  aaaggccagc  aaaggccagc  aaaggccagc  aaaggccagc  aaaggccagc  aaaggccagc
2701  ttcctatagg  ctccgcccc  ctgacgagca  tcacaaaaat  cgacgtcaga  gtcagaggtg  gcgaaccccg  gctcttctcc  cttcgggaa  cgttggcgctt
2801  cctggaagct  cctcgtgtgc  ctctctgttt  cgtctaccgg  cgtctaccgg  atacctgtcc  atacctgtcc  atacctgtcc  atacctgtcc  atacctgtcc
2901  cagctgttag  gtatctcagt  tcgggttagg  tcggtctcgc  caagctgggc  cagctgtcag  cagctgtcag  cagctgtcag  cagctgtcag  cagctgtcag
3001  ctatcgtctt  gactccaacc  cggttaagca  cgacttatcg  ccactggcag  ccactggcag  ccactggcag  ccactggcag  ccactggcag  ccactggcag
3101  gagttcttga  agtgggtggc  taactacggc  tacactagaa  ggacagtatt  tttttttgtt  tgcaagcagc  catgagatta  taaccaatgt  taatcagtga
3201  gctcttgatc  cggcaaaaca  accaccgctg  gtacggtggg  gtagcggtgg  tttttttgtt  tgcaagcagc  catgagatta  taaccaatgt  taatcagtga
3301  gatcttttct  acggggtctg  acgctcagtg  gaacgaaaac  tcacgttaag  ggaatttggg  ggaatttggg  ggaatttggg  ggaatttggg  ggaatttggg
3401  aattaaaaat  gaagttttta  atcaatctaa  agtatatatg  agtaaaactg  gtagataact  acgatacagg  agggcctacc  atctggcccc  agtgctgcaa
3501  gtctatttgc  ttcatccata  gttgcctgac  ttcccgctgt  gtagataact  acgatacagg  agggcctacc  atctggcccc  agtgctgcaa  agtgctgcaa
3601  agaccacgcg  tcacgggctc  cagattttat  agcaataaac  agcaataaac  agcaataaac  agcaataaac  agcaataaac  agcaataaac  agcaataaac
3701  tctattaatt  gttgccggga  agctagagta  agtagttcgc  cagttaatag  cagttaatag  cagttaatag  cagttaatag  cagttaatag  cagttaatag
3801  cgttttggtat  ggtctcattc  agctccggtt  cccaacgata  aaggcgagtt  aaggcgagtt  aaggcgagtt  aaggcgagtt  aaggcgagtt  aaggcgagtt
3901  gatcgtttgc  agaagtaagt  tggcccgagt  gttatcactc  atggttatgg  gtatgctggc  accgagttgc  cctctcaagg  aggaaggcaa  aatgcccga
4001  gtgactggtg  agtactcaac  caagtcattc  tgagaatagt  gtatgctggc  accgagttgc  cctctcaagg  aggaaggcaa  aatgcccga  aatgcccga
4101  gcagaacttt  aaaagtgtct  atcattggaa  aacgtttctc  gggggcgaaa  ctctcaagg  aggaaggcaa  aatgcccga  aatgcccga  aatgcccga
4201  tgcacccaac  tgatcttcag  catcttttac  ttccaccagc  gtttctgggt  gtttctgggt  gtttctgggt  gtttctgggt  gtttctgggt  gtttctgggt
4301  cggaaatggt  gaatactcat  actcttctct  ttccaatatt  attgaagcat  ttatcagggt  ttatcagggt  ttatcagggt  ttatcagggt  ttatcagggt
4401  aaaataaaca  aatagggtgt  ccgcgcacat  ttccccgaaa  agtgccacct  agctgtctaa  gaacccattat  gaacccattat  gaacccattat  gaacccattat
4501  tatcacgag  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc  ccctttcgtc

```

> RDC3298 Translated Insert Sequence

```

1   mtltlpvlmc  lglslgprth  vqagtpkpkt  lwaepgsvii  rgspvtlwcq  gpletqeyrl  dqegvpwtwg  rqnplepgak  akfhirsavy  stagryrcyf
101  etpagwseps  dplelvvtgf  yaepthllal  spvvasggng  tlqcdirnfg  ltfvlveeq  klprtlysqn  lpkgpsqalf  pvpgvptpsr  wrfrcyyyyr
201  knpqawsnps  dpleilvpgv  srkslllapq  gpvvarggsl  tlqcrsdvgy  drfalyqegg  hvllqrpqgq  pqaglsqanf  tlpvpsrshg  gqyrcygggh
301  lspkwsapsv  pldiliagli  rdtpsvsvrp  gptvasgeny  tllcqshwni  dtlfltkega  ahplrlksk  yqsytyqae  smspvtsagg  gtyrcysair
401  sypyllssps  yplelvvsgp  sgdpsspptg  stptpgpedq  pltpgtgdpq  sglgrhlgv  tgvsvafill  lflllflllr  hrhqsckrts  ahfyrpagaa
501  gpepkdqlq  rraspvadvq  eeiinaavkd  tqpedgveld  sraaasedpq  dvtyaqlqsl  tlrreatep  psqegappve  prvfetlaih

```