

Specifications:

Gene:	<i>hC1QL4</i>
Accession:	NP_001008224
Insert size:	730bp
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.

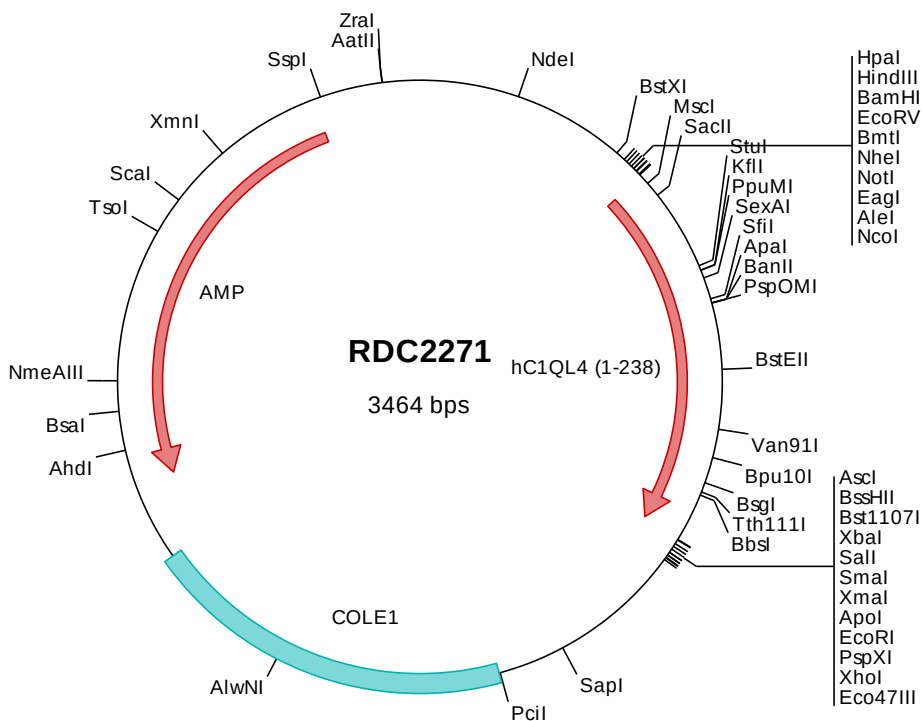
hC1qTNF11/C1qL4 cDNA Plasmid

C1QL4 complement C1q like 4
[*Homo sapiens* (human)]

Also known as: CTRP11;
C1QTNF11

Summary:

C1qL4 may regulate the number of excitatory synapses that are formed on hippocampus neurons. It is expressed highly in testis and adipose tissue.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2271 Plasmid DNA Sequence

```

1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggtgtgc tgctgtgtgt ggccatcccg ctgctgtgtc acagctcccg
501  cgggccagcg cactacgaga tgctgggtcg ctgcgcgatg gtgtgcgacc cgcattgggc acgtggccct ggtcccgacg gtgcgcctgc ttccgtgcc
601  cccttcccg caggcgccaa gggagaggtg ggccggcggt ggaaagcagg cctgcgggga ccccctggac caccaggtcc aagaggccct ccaggagaac
701  cggcgaggcc aggccctccg ggccctcccg gtccaggtcc gggaggtgtg gcgcccgctg ccggctacgt gcctcgatt gctttctacg cgggcctgcg
801  gcgtcccaac gagggttacg aggtgtgtcg cttcgacgac gtgttgacca acgtgggcaa cgctacgag gcagccagcg gcaagtttac ttcccccacg
901  ccaggcgtct actttctgc ttaccacgtg ctcatgcgcg ggcgcgacgg caccagcatg tgggccgacc tcataagaa cggacaggtc cgggccagcg
1001 ccattgctca ggacgcggac cagaactacg actacgacg caacagcgtc attctgcacc tggaagtggg cgacgaggtc ttcatcaagc tggacggcgg
1101 gaaagtgcac ggcggaaca ccaacaagta cagcaacctt tcgggttca tcattctacc cgaactaaag cgcccgagta tactctagag tcgacacccg
1201  gggaattcct cgagcgctcg tctctagctt ggcgtaatca tggctatagc tgtttcctgt gtgaaattgt tatccgctca caattccaca caacatacga
1301  gccggaagca taaagtgtaa agcctggggt gcctaagtga tgagctaact cacattaatt gcgttgcgct cactgcccg cttccagtcg ggaaacctgt
1401  cgtgccagct gcattaatga atcgcccaac gcgcggggag aggcgggttg cgtattgggc gctcttccgc ttcctcgctc actgaactgc tgcgtcggt
1501  cgttcggctg cggcgagcgg tatcagctca ctcaaaaggc gtaatacgtt tatccacaga atcaggggat aacgcaggaa agaactatgt agcaaaaggc
1601  cagcaaaaag ccagggaacc taaaaaggcc gcgttgctgg cgtttttcca taggctccgc cccctgacg agcatcaca aaatcgacgc tcaagtcaaga
1701  ggtggcgaaa ccgacagga ctataaagat accagcgctt tccccctgga agctccctcg tgcgtctcc tggtccgacc ctgcgcgtta ccggataact
1801  tcccgccctt ctcccttcgg gaagcgtggc gctttctcaa tgctcagct gtaggtatct cagttcgggt taggtcgttc gctccaagct gggctgtgtg
1901  ctcgaacccc ccgttcagcg gcacctgcgc gcttatccg gctttatccg tcttgagtc tcttgagtc aaccggtaaa gacacgactt atcgccactg gcagcagca
2001  ctggtaacag gattagcaga gcgaggtatg taggcgggtg tacagagttc ttgaagtgt ggccctaact cggctacact agaaggacag tattttggtat
2101  ctgcgctctg ctgaagccag ttaaccttcg aaaaagagtt ggtagctctt tcttacgggg tctgacgctc agtggaaacga aaactcacgt taagggattt
2201  cagcagatta cgcgcaaaaa aaaaggatct caagaagatc ctttgatctt tcttacgggg tctgacgctc agtggaaacga aaactcacgt taagggattt
2301  tgggtcatgag attatcaaaa aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat cttaagtata tatgagtaaa cttggtctga
2401  cagttaccaa tgcttaatca gtgagccacc tatctcagcg atctgtctat tctgttcac catagttgco tgactccccg tctgttagat aactacgata
2501  cgggagggct taccatctgg ccccatgtgt gcaatgatac cgcgagacc acgctcaccg gctccagatt tatcagcaat aaaccagcca gccggaaggg
2601  ccgagcgcgag aagtggctct gcaactttat ccgcctccat ccagctctatt aattgttgcc gggaagctag agtaagtagt tcgccagttat atagtttgcg
2701  caacgttgtt gccattgcta caggcatcgt ggtgtcagcg tctgcgtttg gtatggcttc attcagctcc ggttcccaac gatcaaggcg agttacatga
2801  tcccccatgt tgtgcaaaaa agcggttagc tccttcggtc ctccgactgt tgctcagaagt aagttggcgg cagtgtttatc actcatggtt atggcagcac
2901  tgcatatctc tcttactgtc atgccatccg taagatgctt tctgtgact ggtgagtagt caaccaagtc attctgagaa tagtgtatgc ggcgacccag
3001  ttgctcttgc ccgcgctcaa tacgggataa taccgcgcca catagcagaa ctttaaaagt gctcatcatt ggaaaaagctt cttcggggcg aaaaactctca
3101  aggatcttac cgctgttgag atccagttcg atgtaaccca ctctgcgacc caactgatct tcagcatctt ttactttcac cagcgtttct gggtagagcaa
3201  aaacaggaag gcaaaatgcc gcaaaaaagg gaataaggcg gacacggaaa tgttgaatac tcatactctt cttttttcaa tattattgaa gcatttatca
3301  gggttattgt ctcatgagcg gatacatatt tgaatgtatt tagaaaaata aacaaatagg ggttccgcgc acatttcccc gaaaagtgcc acctgacgtc
3401  taagaaacca ttattatcat gacattaacc tataaaaaata ggctgtatcac gagggccctt cgtc

```

> RDC2271 Translated Insert Sequence

```

1   mvlilllvaip llvhssrgpa hyemlgrcrm vcdphgrprg gpdgapasvp pfppgakgev grrgkaglrp ppgppgprgp pgeprgprgp ppppgppggv
101  apaagyvpri afyaglrph egyptlrfdd vvtvnvgnaye aasgkftcpm pgvyffayhv lmrggdgtsm wadlmkngqv rasaiadad qnydyasns
201  ilhldvgdev fikldgkvh gntnkystf sgfiipyd

```