

Specifications:

Gene:	mC1qL2
Accession:	NP_997116
Insert size:	877bp
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.

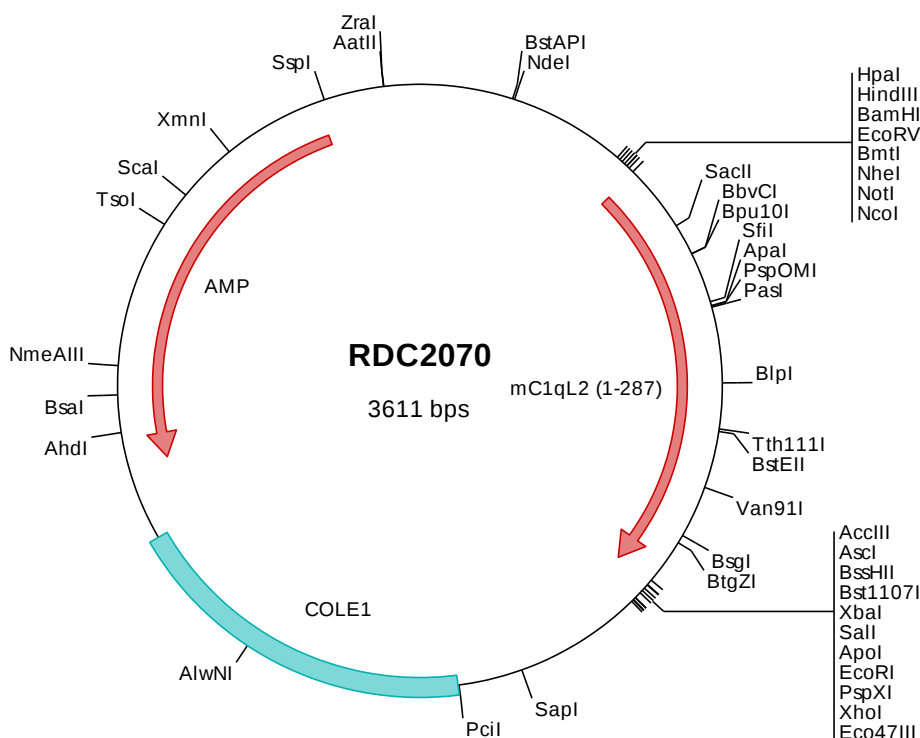
mC1qL2/C1qTNF10 cDNA Plasmid

**C1qL2 complement component
1, q subcomponent-like 2 [*Mus musculus* (house mouse)]**

Also known as: CTRP10; BC040774

Summary:

C1qL2 is a member of the C1QTNF superfamily. It may regulate a number of excitatory synapses that are formed on hippocampus neurons. It has no effect on inhibitory synapses.



> RDC2070 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301  tacgccagct ggcgaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggcaactg ggctgctgat cgcggtgcct ctgctgctgc aggctgcgcc
501  tcgccggagcg gtcactacg agatgctggg cacctgcgcc atgatctgtg accatcacg cgctgctccc gcagggggac ccgcggcgcc caaggctcca
601  ccgcgcgggac ccagtaccgc tgccctggaa gttatgcagg acctcagcgc caacccccgc cctccgttta tccaggggacc aaaggggtgat ccggggcgac
701  caggcaagcc agggcctcgg ggtcctcctg gagagccagg gcctcctggg cccagggggc ccccgggaga gaaaggagac tcggggaggc cagggctacc
801  cggactgcag ttgacaacca gcgcggcgcc tgccgttggg gtggtgagtg gcggaacccg gggcggtggc gacacggagg gagaagtgc cagtgcgctg
901  agcgcgcct tcagcggctc caagatcgcc ttctacgtgg gactcaagag cccccaacga ggctacgagg tgctcaagtt cgcacagctg gtcaccaatc
1001 ttggcaatca agggcctcgg ggtcctcctg gagagccagg gcctcctggg cccagggggc ccccgggaga gaaaggagac tcggggaggc cagggctacc
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1201 ctgcaacctg attcaggcga tgaagtctac gtgaagctgg acggcgggaa ggctcacggc ggcaacaata acaagtacag cacgttctcg ggttctctcc
1301 tgtatccgga ttaaaggcgc gccagtatat tctagagtgc acacccgggg aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt
1401 ttcctgtgtg aaattgttat ccgctcacia ttccacacia catacagacc ggaagcataa agtgtaaaag ctgggggtgc taatgagtga gctaactcac
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2001 ggatatctcag ttcgggttag gtcgttccgt ccaagctggg ctgtgtgcac gaaccccccg ttcagcccca ccgctgcgcc ttatccggta actatcgctc
2101 tgagtccaac ccggaagac acgacttatc gccactggca gcagccactg gtaacaggat tagcagagcg aggatgttag gcggtgctac agagttcttg
2201 aagtgggtggc ctaaactacg ctacactaga aggacagtat ttggatatcg cgctctgctg aagccagtta ccttcggaaa aagagttggg agctcttgat
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2501 tgaagtttta aatcaatcta aagtatatat gagtaaaact ggctctgacg ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc
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3501 aaataggggg tcgcgcgaca tttccccgaa aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcacgag
3601 gcccttttgt c

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> RDC2070 Translated Insert Sequence

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1   malgliaavp lllqaappga ahyemlgtcr micdpysvap aggpagakap ppgpstaale vmqdlanpp ppfiqgpkgd pgrpqkpgpr pppgeppppg
101  prgppgekdg sgrpglpqlq lttsaaggvg vvsgggtggg dtegevtasal saafsgpkia fyvglksphe gyevlkfddv vtlnlgnhydp ttgkfscqvr
201  giyfftyhil mrggdgtsmw adlckngqvr asaiagdadq nydyasnsvv lhldsgdevy vkldgkakah gnnnkystfs gfllypd

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