

Product datasheet for SC301264

C1QL4 (NM_001008223) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1QL4 (NM_001008223) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1QL4
Synonyms:	C1QTNF11; CTRP11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301264 representing NM_001008223. Blue=Insert sequence Red=Cloning site Green=Tag(s)

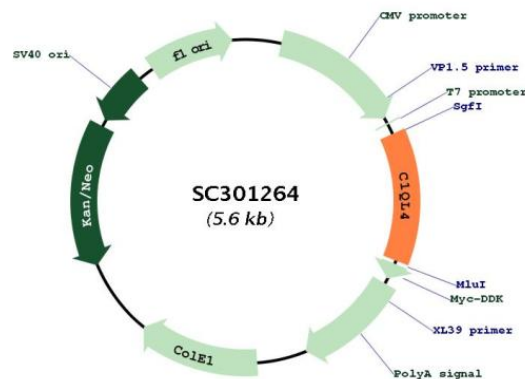
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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGCTGCTGCTGCTGGTGGCCATCCCCTGCTGGTGCACAGCTCCCGCGGGCCAGCGCACTACGAG
ATGCTGGGTGCTGCCGATGGTGTGCGACCCGCATGGGCCCGTGGCCCTGGTCCCGACGGCGCGCCT
GCTTCCGTGCCCCCTTCCCGCCAGGCGCAAGGGAGAGGTGGGCCGGCGCGGAAAGCAGGCCTGCGG
GGGCCCTTGGACCACAGGTCCAAGAGGGCCCCAGGAGAACCAGGCGAGCCAGGCCCGGGCCCT
CCCGGTCCAGTCCGGGGGGTGGCGCCCGTCCGGCTACGTGCTCGCATTGCTTTCTACGCGGGC
CTGCGGGGCCCCACGAGGTTACGAGGTGCTGCGCTTCGACGACGTGGTACCAACGTGGCAACGCC
TACGAGGCAGCCAGCGGCAAGTTTACTTGCCCATGCCAGGCGTCTACTTCTCGCTTACCACGTGCTC
ATGCGCGGCGGCGACGGCACCAGCATGTGGGCCGACCTCATGAAGAACGGACAGGTCCGGGCCAGCGCC
ATTGCTCAGGACGCGGACCAGAAGTACGACTACGCCAGCAACAGCGTATTCTGCACCTGGACGTGGGC
GACGAGGTCTTCAAGCTGGACGGCGGAAAGTGCACGGCGGCAACACCAACAAGTACAGCACCTTC
TCCGGTTCATCATCTACCCGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001008223

Insert Size: 717 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001008223.1](https://www.ncbi.nlm.nih.gov/RefSeq/ accession/taxonomy/NCBI/10981/megablast/NT_001008223.1)

RefSeq Size:	2065 bp
RefSeq ORF:	717 bp
Locus ID:	338761
UniProt ID:	Q86Z23
Cytogenetics:	12q13.12
Protein Families:	Secreted Protein
MW:	24.9 kDa
Gene Summary:	May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses (By similarity). May inhibit adipocyte differentiation at an early stage of the process (By similarity).[UniProtKB/Swiss-Prot Function]