

Product datasheet for **MC213081**

C1ql4 (NM_001024702) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1ql4 (NM_001024702) Mouse 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:	>MC213081 representing NM_001024702 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTCTGCTGCTGGTAGCCATCCCCTACTGGTGCACAGCTCTCGCGGACCAACACACTATGAGA
TGCTAGGTCGCTGTGCGATGGTGTGTGACCCCCACGCATCCCAGGCCAAGGCCCGACGGCGGCCCGC
CTCGGTGCCTTCTTACCTCCAGGTGCCAAGGGAGAGGTGGGGCGCGAGGGAAGGCAGGCCTGCGGGG
CCACCAGGACCCAGGTCCAGAGGGCCCCCTGGAGAGCCAGGCAGGCCAGGACCCAGTCTCCTCTG
GCCAGGCCCTGGAGGGGACGCGCCCCCTGCCGGCTATGTACCCGAATTGCCTTCTACGCGGGTCTAAG
GCGGCCTCACGAGGGTTATGAAGTGTTCGCTTTGACGACGTGGTGACCAACGTGGGCAACGCTTACGAG
GCAGCCAGCGGCAAGTTCACCTGCCCATGCCAGGAGTCTATTTCTTCGCTTACCATGTGCTCATGCGAG
GCGGTGACGGTACCAGCATGTGGCCGATCTGATGAAGAACGGACAGGTCCGGGCCAGCGCCATTGCTCA
GGATGCGGATCAGAACTACGACTATGCCAGCAACAGCGTCATTCTGCACCTAGACGTGGGTGACGAGGTC
TTCATCAAGCTGGACGGTGGGAAGGTGCACGGCGGAACACCAATAAGTACAGCACCTTCTCAGGATTCA
TCATCTACCCGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001024702
Insert Size:	717 bp



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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).
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:	<ol style="list-style-type: none">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:	<u>NM_001024702.1</u> , <u>NP_001019873.1</u>
RefSeq Size:	717 bp
RefSeq ORF:	717 bp
Locus ID:	239659
UniProt ID:	<u>Q4ZJM9</u>
Cytogenetics:	15 F1
Gene Summary:	May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses. May inhibit adipocyte differentiation at an early stage of the process.[UniProtKB/Swiss-Prot Function]