

## Product datasheet for **RR216272**

### C1qtnf2 (NM\_001191918) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1qtnf2 (NM\_001191918) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C1qtnf2  
**Synonyms:** Ctrp2; RGD1561041  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216272 representing NM\_001191918  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACAGTTTTTAGAAAGGTGACCACCATGATCTCCTGGATGCTCTTGGCCTGTGCCCTCCGTGTGCTG  
CTGACCCAATGCTTGGTGCCTTTGCTCGCAGGGACTTCCAGAAGGGTGGTCTCAACTGGTGTGCAGTCT  
GCCTGGTCCCAAGGCCACCTGGCCCTCCAGGAGCACCAGGATCCTCAGGAATGGTGGGAAGAATGGGT  
TTTCTGGTAAAGATGGCCAAGACGGCCAGGACCGAGACCGAGGGGACAGTGGAGAAGAAGTCCACCTG  
GCAGGACAGGCAACCGAGGAAAACAAGGACCAAGGGCAAAGCTGGGGCCATTGGGAGAGCGGGTCTCG  
AGGACCAAGGGGTGAGTGGTACCCCCGGGAAACATGGTATACCGGGCAAGAAGGGACCTAAGGGCAAG  
AAAGGGGAACCTGGGCTCCCAGGCCCTGTAGCTGCGGCAGTAGCCGAGCCAAGTCGGCCTTTTCGGTGG  
CGGTAACCAAGAGTTACCCACGTGAGCGACTGCCCATCAAGTTTGACAAGATTCTGATGAATGAGGGAGG  
CCACTACAATGCATCCAGTGGCAAGTTCGTCTGCAGCGTGCCAGGGATCTATTACTTTACCTATGACATT  
ACGCTGGCCAACAACACCTGGCCATCGGCCTAGTGCACAATGGCCAGTACCGCATTTCGGACTTTTGACG  
CCAACACCGCAACCACGACGTGGCCTCGGGCTCCACCCTCCTAGCTCTCAAGGAGGGTATGAAGTCTG  
GTTACAGATTTTCTACTCGGAGCAGAATGGACTTTCTACGACCCTTATTGGACCGACAGCCTGTTCCACC  
GGCTTCTCATCTACGCTGATCAAGGAGACCCCAATGAGGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RR216272 representing NM\_001191918  
 Red=Cloning site Green=Tags(s)

MTVFRKVTTMISWMLLACALPCAADPMLGAFARRDFQKGGPQLVCSLPGPQGGPPGPPGAPGSSGMVGRMG  
 FPGKDGQDGDGRGDSGEEGPPGRTGNRGKQGPKGKAGAI GRAGPRGPKGVSGTPGKHGIPGKKGPKGK  
 KGEPGLPGPCSCGSSRAKSAFSAVTKSYPRERLPKFDKILMNEGGHYNASSGKFVCSVPGIYYFTYDI  
 TLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILALKEGDEVWLQIFYSEQNGLFYDYPWTDLSLFT  
 GFLIYADQGD PNEV

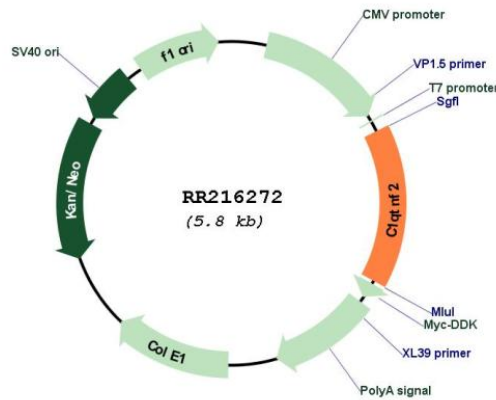
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001191918

**ORF Size:** 882 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001191918.1</a> , <a href="#">NP_001178847.1</a>
<b>RefSeq Size:</b>	1216 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	497886
<b>Cytogenetics:</b>	10q21
<b>MW:</b>	31 kDa