

## Product datasheet for **MG203801**

### C1qtnf1 (NM\_019959) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1qtnf1 (NM_019959) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1qtnf1
Synonyms:	1600017K21Rik; CTRP1; Zsig37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203801 representing NM_019959 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCTCCTGTGCACAGGGATTCTGTGGGATGCTGCCTGCTGCTGGCCATCACCTGGGGCCCCATCC  
TGAGCCTTGCCACGAGTTCAGGAGGAACAACAGGAGTGGGAAGAGACAGAGGAGCTGCCATCTCCTCT  
GGATCCTGTGACAAGGCCTGAAGAAACACGAGAGAAGTATAGCCCTCGCCAGGGTGAGGACCTCCCCACT  
TCTCGGTGCTACCGATGCTGTGACCCAGCACTCCTGTATACCAGACAATTCCTCCACCCAGATCAACA  
TCACCATCCTGAAAGGCGAAAAAGGTGACCGAGGGGATCGAGGCCTCCAGGGGAAGTACGGCAAAATAGG  
TTCTACAGGTCTAGGGGCCATGTTGGCCCAAAGGGCAGAAGGGATCCATTGGAGCCCTGGGAACCAC  
TGCAAGAGCCAGTACGCAGCCTTCTCCGTGGGCCGGAAGAAGGCTTTGCACAGCAACGACTACTTCCAGC  
CCGTGGTCTTTGACACGGAGTTTGTGAACCTCTACAAACACTTCAATATGTTCACTGGGAAGTTCTACTG  
CTATGTGCCAGGCATCTACTTCTCAGCCTCAACGTGCACACTTGAACCAAGAGGAGACGTACCTGCAC  
ATCATGAAGAACGAGGAGGAGGTGGTATCCTGTATGCGCAGGTGAGCGACCGCAGCATCATGCAGATC  
AGAGCCTGATGATGGAAGTGCAGGAGGAGGATGAGGTCTGGGTGCGTCTTTCAAGGGCGAGCGTGAGAA  
CGCCATTTTCAGTGACGAGTTCGACACCTACATCACCTTCAGTGGCTACCTGGTCAAGCCAGCCTCTGAG  
CCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203801 representing NM\_019959  
 Red=Cloning site Green=Tags(s)

MGSCAQGFLLGCCLLLAITWGPILSLVPRVQEEQQEWEETEELPSPLDPVTRPEETREKYSRQGEDLPT  
 SRCYRCCDPSTPVYQTIPPPQINILKGEKGDRLQGGYKIGSTGPRGHVGPKGQKGSIGAPGNH  
 CKSQYAAF SVGRKKALHSNDYFQPVVFDTEFVNLYKHFNMFTGKFYCYVPGIYFFSLNVHTWNQKETYLH  
 IMKNEEEVVILYAQVSDRSIMQSQSLMMELREDEEVWVRLFKGERENAI F SDEFDTYIT FSGYL VKPASE  
 P

TRTRPLE - GFP Tag - V

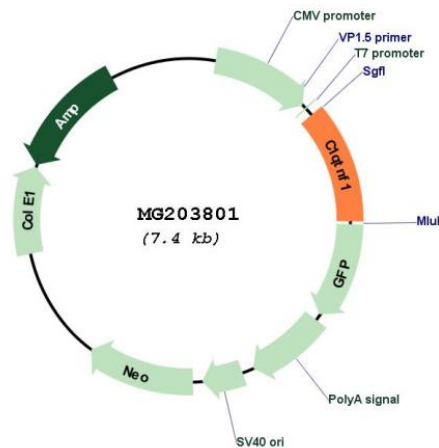
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_019959

**ORF Size:** 843 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_019959.2</a> , <a href="#">NP_064343.1</a>
<b>RefSeq Size:</b>	2512 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	56745
<b>UniProt ID:</b>	<a href="#">Q9QXP7</a>
<b>Cytogenetics:</b>	11 E2