

## Product datasheet for **RG222462**

### CTRP1 (C1QTNF1) (NM\_198593) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP1 (C1QTNF1) (NM_198593) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CTRP1
Synonyms:	CTRP1; GIP; ZSIG37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222462 representing NM_198593 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCTCCCGTGGACAGGGACTCTTGCTGGCGTACTGCCTGCTCCTTGCCTTTGCCTCTGGCCTGGTCC  
TGAGTCGTGTGCCCCATGTCCAGGGGAACAGCAGGAGTGGGAGGGGACTGAGGAGCTGCCGTGCCTCC  
GGACCATGCCGAGAGGGCTGAAGAACAACATGAAAAATACAGGCCAGTCAGGACCAGGGGCTCCCTGCT  
TCCCGGTGCTTGCCTGTGTGACCCCGGTACCTCCATGTACCCGGCGACCGCCGTGCCCATCAACA  
TCACTATCTTGAAGGGGAGAAGGGTGACCGCGGAGATCGAGGCCTCAAGGGAAATATGGCAAAACAGG  
CTCAGCAGGGGCCAGGGCCACACTGGACCCAAAGGGCAGAAGGGCTCCATGGGGGCCCTGGGGAGCGG  
TGCAAGAGCCACTACGCCCTTTTCGGTGGGCCGGAAGAAGCCCATGCACAGCAACCACTACTACCAGA  
CGGTGATCTTCGACACGGAGTTCGTGAACCTCTACGACCACTTCAACATGTTACCCGGCAAGTTCTACTG  
CTACGTGCCCCGCCTCTACTTCTCAGCCTCAACGTGCACACCTGGAACCAGAAGGAGACCTACCTGCAC  
ATCATGAAGAACGAGGAGGAGGTGGTATCTTGTTCGCGCAGGTGGGCGACCGCAGCATCATGCAAAGCC  
AGAGCCTGATGCTGGAGCTGCGAGAGCAGGACCAGGTGTGGGTACGCCTTACAAGGGCGAACGTGAGAA  
CGCCATCTTCAGCGAGGAGCTGGACACCTACATCACCTTCAGTGGCTACCTGGTCAAGCACGCCACCGAG  
CCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG222462 representing NM\_198593  
 Red=Cloning site Green=Tags(s)

MGSRGQGLLLAYCLLLAFASGLVLSRVPHVQGEQQEWEGTEELPSPDPHAERAEQHEKYRPSQDQGLPA  
 SRCLRCCDPGTSMPATAVPQINITILKGEKGDGRGLQGYGKTGSAGARGHTGPKGQKGSMSGAPGER  
 CKSHYAAF SVGRKKPMHSNHYYQTVIFDTEFVNLVDHFNMTGKFYCYVPLGYFFSLNVHTWNQKETYLH  
 IMKNEEVVILFAQVGDRSIMQSLSMLELREQDQVWVRLYKGERENAI FSEELDTYIT FSGYL VKHATE  
 P

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_198593

**ORF Size:** 843 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_198593.4](#)

**RefSeq Size:** 2731 bp

**RefSeq ORF:** 846 bp

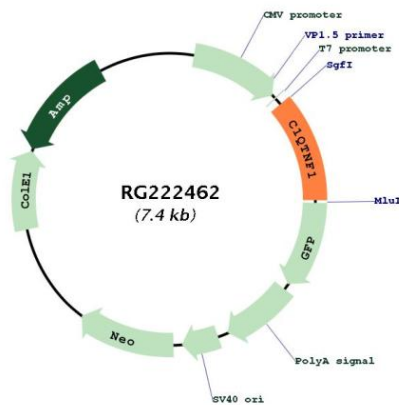
**Locus ID:** 114897

**UniProt ID:** [Q9BXJ1](#)

**Cytogenetics:** 17q25.3

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Product images:**



Circular map for RG222462