

## Product datasheet for **RG222232**

### CTRP6 (C1QTNF6) (NM\_182486) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP6 (C1QTNF6) (NM_182486) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CTRP6
Synonyms:	CTFP6; CTRP6; ZACRP6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222232 representing NM_182486 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGTGGCTCAGGGTCCGTGAGTCGCCTGGGGAGGCCACAGGACACAGGGTCACCATGGGGACAGCCG  
CCCTGGGTCCCGTCTGGGCAGCGCTCCTGCTCTTTCTCCTGATGTGTGAGATCCCTATGGTGAGCTCAC  
CTTTGACAGAGCTGTGGCCAGCGGCTGCCAACGGTGTGACTCTGAGGACCCCTGGATCCTGCCCAT  
GTATCCTCAGCCTCTTCTCCGGCCGCCACGCCCTGCCTGAGATCAGACCCTACATTAATATACCA  
TCCTGAAGGGTGACAAAGGGGACCCAGGCCAATGGGCCTGCCAGGGTACATGGGCAGGGAGGGTCCCCA  
AGGGGAGCCTGGCCCTCAGGGCAGCAAGGGTGACAAGGGGGAGATGGGCAGCCCCGGCGCCCCGTGCCAG  
AAGCGCTTCTTCGCTTCTCAGTGGGCCGAAGACGGCCCTGCACAGCGCGAGGACTTCCAGACGCTGC  
TCTTCGAAAGGGTCTTTGTGAACCTTGATGGGTGCTTTGACATGGCGACCGGCCAGTTTGTGCTCCCT  
GCGTGGCATCTACTTCTCAGCCTCAATGTGCACAGCTGGAATTACAAGGAGACGTACGTGCACATTATG  
CATAACCAGAAAGAGGCTGTATCCTGTACGCGCAGCCCAGCGAGCGCAGCATCATGCAGAGCCAGAGTG  
TGATGCTGGACCTGGCCTACGGGACCGCGTCTGGGTGCGGCTCTTAAGCGCCAGCGGAGAACGCCAT  
CTACAGCAACGACTTCGACACCTACATCACCTTCAGCGCCACCTCATCAAGCCGAGGACGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG222232 representing NM\_182486  
 Red=Cloning site Green=Tags(s)

MQWLRVRESPGEATGHRVTMGTAAALGPVWAALLLFLLMCEIPMVELTFDRAVASGCQRCCDSEDPLDPAH  
 VSSASSSRPHALPEIRPYINITILKGDKGDPGPMGLPGYMGREGPQGEPPGQSGKGDKGEMGSPGAPCQ  
 KRFFAFSVGRKTALHSGEDFQTLLEFRVFNLDGCFDMATGQFAAPLRGIYFFSLNVHSWNYKETYVHIM  
 HNQKEAVILYAQPSESRIMQSQSVMLDLAYGDRVWVRLFKRQRENAIYSNDFDTYITFSGHLIKAEDD

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**ACCN:** NM\_182486

**ORF Size:** 834 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\\_182486.2](#)

**RefSeq Size:** 1670 bp

**RefSeq ORF:** 837 bp

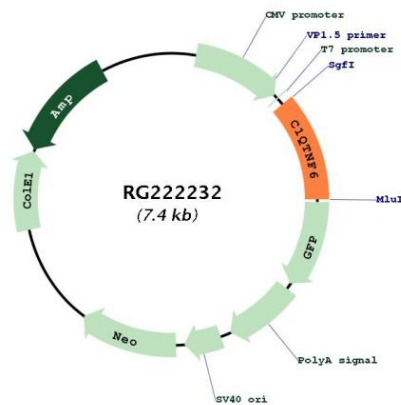
**Locus ID:** 114904

**UniProt ID:** [Q9BXI9](#)

**Cytogenetics:** 22q12.3

**Protein Families:** Secreted Protein, Transmembrane

**Product images:**



Circular map for RG222232