

## Product datasheet for **RG203017**

### **C1orf57 (NTPCR) (NM\_032324) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1orf57 (NTPCR) (NM\_032324) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** C1orf57  
**Synonyms:** C1orf57; HCR-NTPase; THEP1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG203017 representing NM\_032324  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCCGGCACGTGTTCTAACGGGGCCCCAGGAGTTGGAAAAACAACATTGATCCATAAAGCCAGTG  
 AGGTTTTAAAATCCTCTGGTGTGCTGTTGATGGATTTTATACCGAAGAAGTCAGACAGGGAGGAGAAG  
 AATAGGATTCGATGTCGTCACGTTGTCCGGCACCCGGGGCCTTATCGAGAGTTGGGTTAGAGCCTCCA  
 CCTGGAAAACGTGAATGCCGAGTTGGGCAGTATGTGGTCGACCTGACTTCTTTTGAGCAGTTGGCACTAC  
 CCGTCTTGAGGAATGCCGACTGCAGCAGTGGCCAGGGCAAAGAGTGTGCGTCATCGATGAGATTGGAA  
 GATGGAGCTCTTCAGTCAGCTTTTCATTCAAGCTGTTTCGTCAGACGCTGTCTACCCAGGGACTATAATC  
 CTTGGCACAATCCAGTTCCTAAAGGAAAGCCACTGGCTCTTGTAGAAGAAATCAGAAAACAGAAAGGATG  
 TGAAGGTGTTAATGTCACCAAGGAAAACAGAAACCACCTTCTGCCAGATATCGTGACGTGCGTGACAG  
 CAGCAGGAAG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG203017 representing NM\_032324  
 Red=Cloning site Green=Tags(s)

MARHVFLTGPPGVGKTTLIHKASEVLKSSGVPVDGFYTEEVRRQGGRRIGFDVVTLSGTRGPLSRVGLEPP  
 PGKRECRVGYVVDLTSFEQLALPVLNRNADCSSGPGQRVCVIDEIGKMELFSQLFIQAVRQTLSTPGTII  
 LGTIPVPGKPLALVEEIRNRKDVKVFNVTKENRNHLLPDIVTCVQSSRK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)

**Cloning Scheme:**


**ACCN:** NM\_032324

**ORF Size:** 570 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\\_032324.3](#)

**RefSeq Size:** 926 bp

**RefSeq ORF:** 573 bp

**Locus ID:** 84284

**UniProt ID:** [Q9BSD7](#)

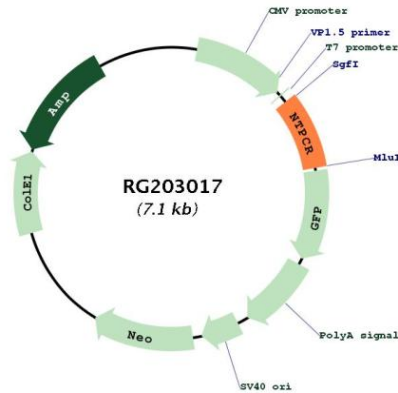
**Cytogenetics:** 1q42.2

**Domains:** AAA, DUF265

**Protein Families:** Protease

**Gene Summary:** The protein encoded by this gene is a non-specific nucleoside triphosphatase that is slow-acting in vitro. This gene is overexpressed in many tumor tissues, and while it is not essential for the cell, overexpression is cytotoxic. However, the cytotoxicity is not related to its triphosphatase activity. [provided by RefSeq, Jul 2016]

**Product images:**



Circular map for RG203017