

## Product datasheet for **RG206641**

### **C10orf62 (NM\_001009997) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf62 (NM_001009997) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C10orf62
Synonyms:	bA548K23.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206641 representing NM_001009997 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGTGGGTTTCAGAGAAAGAGGAGAAGAAAGGAAACCTCTGAGTGCCATCAGACAAGGACAAGTCAC  
CAGAATCCATAAAGCAAAGAATGAAAGCTGGATTAATCCCACCTTAGCCGCCTTCCGAAGAGAAGCT  
GGCCCTCGACAACAATGCCAGCGCTAGTGGCAATGCTACCCAGACTGAGAGTGGGAGTGAAGAGGTCAGC  
TCCACGGTTCACATAGAGACCTTACCACGAGGCACGGAGAAGTGGGCTCCGCTCTGCACCGGGAATCCT  
TCACCAGCAGGCAGAAGACATCTGGGCCCTCAGTGATCCAAGAGATCCACCAGGAGTCTGAAAAAGCCCC  
ATCCACTGATGACGCCACGTGGGCCGCTGTGGCTGCCTGCACCAAGGAGATTGACACCCAGGGCGGCAC  
CTGGCTCACTCCATGCTGCAGCGGGCCATAGCTTACCAGCACTCAGGTCACCTGGAGTCCAAGGACATCA  
ACCAGGAGGAGCTGAGGGCCCTCGAGGAGGTAGAGATGAAGCTGCAAAAGAATTTCTCACCCAGCGGGA  
AAACACCATAGCTGGTGCCAATCACACACACCTTCTATGGCCACAGTCACCACAGTCACCATGGCCAC  
CCAAGCCACCAGAGCCACAGCCTGCCTAATCGCAGACAC

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG206641 representing NM\_001009997  
 Red=Cloning site Green=Tags(s)

MLWVQRKRRRKETSECP SDKDKSPESHKAKNESWIKSHFSRLSEEK LALDNNASASGNATQTESGSEEV S  
 STVHIETFTTRHGEVGSALHRESFTSRQKTSGPSVIQEIHQESGKAPSTDDATWAAVAACKEIDTQGRH  
 LAHSM LQR AIAYQHSGHLESKDINQEELRAL EEVEMK LQKNFLTQRENTIAGANHHTHTFYGHSHSHHGH  
 PSHQSHSLPNRRH

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_001009997

**ORF Size:** 669 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001009997.1](#), [NP\\_001009997.1](#)

**RefSeq Size:** 1250 bp

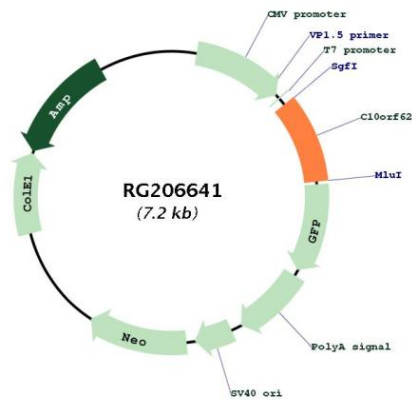
**RefSeq ORF:** 672 bp

**Locus ID:** 414157

**UniProt ID:** [Q5T681](#)

**Cytogenetics:** 10q24.2

### Product images:



Circular map for RG206641