

## Product datasheet for **RG204560**

### **C11orf68 (NM\_031450) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf68 (NM_031450) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C11orf68
Synonyms:	BLES03; P5326
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204560 representing NM_031450 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAACCAGGTGAGGAGCTGGAAGAGGAGGGCTCTCCAGGTGGCCGTGAGGATGGCTTCACCGCCGAGC  
ACCTGGCTGCAGAGGCCATGGCAGCTGACATGGACCCCTGGCTAGTGTGGATGCCCGCACAAACGCCTGC  
CACTGAGCTGGATGCCTGGCTGGCCAAGTACCCACCATCCAAGTTACCCGCTATGGGGACCCCGGTTCA  
CCCAACTCAGAGCCTGTGGGCTGGATTGCAGTGTATGGGCAGGGCTACAGCCCCAACTCCGGGGACGTGC  
AGGGCCTGCAGGCAGCCTGGGAAGCTCTGCAGACCAGTGGGCGGCCATCACACCGGGTACCCTGCGCCA  
GCTCGCCATCACCCACCAGTGCCTCTCGGCAAGTGGCTTATGCATCTGGCACCGGGCTTAAGCTGGAC  
CACGCCTGGGCTGGCATTGCCCGGGCCGTGGTTGAAGGCCGGCTTCAGGTGGCCAAGGTGAGCCACGTG  
CCAAGGAGGGTGGGCGCCAGGTCACTGTGTTACACGGACGACTTCACGGACCGCTTGGGTGTAAGTGA  
GGCGGATTACGCCATCCGTGCAGCGGGCATTAAAGTGCCTGCTCACCTACAAGCCTGATGTCTACACCTAC  
CTGGGCATCTACCGGGCCAATCGCTGGCACCTCTGCCCACTCTCTATGAGAGCCGTTCCAGCTTGGGG  
GTAGTGCCCGTGGCTCCCGAGTGCTTGACCGTGCCAACAACGTGGAAGTGAAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204560 representing NM\_031450  
 Red=Cloning site Green=Tags(s)

MEPGEELEEEGSPGGREDGFTA EHLAAEAMAADMPWL VFDARTTPATELDAWLAKYPPSQVTRYGDPGS  
 PNSEPVGWI AVYGGYSPNSGDVQGLQA AWEALQTSGRPITPGTLRQLAI THHVL SGKWL MHLAPGFKLD  
 HAWAGIARAVVEGRLQVAKVSPRAKEGGRQVICVYTDDF TDR LGVLEADS AIRAAGIKCLLTYKPDVYTY  
 LGIYRANRWHL CPTLYESRFQLGGSARGSRVLDRANNVELT

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_031450

**ORF Size:** 753 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\\_031450.2](#), [NP\\_113638.1](#)

**RefSeq Size:** 1568 bp

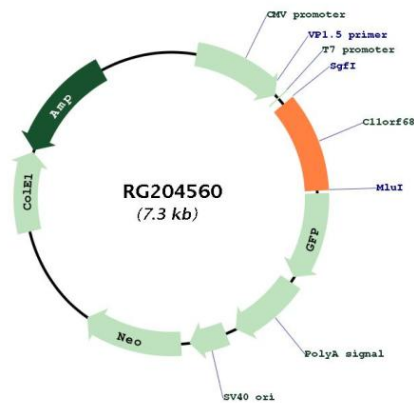
**RefSeq ORF:** 879 bp

**Locus ID:** 83638

**UniProt ID:** [Q9H3H3](#)

**Cytogenetics:** 11q13.1

**Product images:**



Circular map for RG204560