

Product datasheet for **RG236361**

C15orf54 (NM_001302797) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C15orf54 (NM_001302797) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C15orf54
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236361 representing NM_001302797.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGTGAAATTCATTACTGGCAAGCACGGTGGCAGGAGACCCAGAGGGCTGAGCCGCAAAGAATT
TGCAGAGCCTTATGGCTAACTCCATGGCCTAGTTTGATCTTGAAGTTACTGTCTTGGATAATCCTCTCA
AATCTGTTCTGCACTTAAGAGCCACTCATCACATGACGGAGCTCCCTCTCAGGTTCCCTTACATCGCC
CTGTCAGAAATGACTTTCAGGGAACAGACATCACATCAAATCATCCAACAGATGTCCTTTCAAATAAG
TTGGAGCAGAACCAACTATATGGAGAAGTCATAAACAAGAAACAGACAACCCAGTGATTTCCAGCGGA
TTGACATTACTCTTGCACAGAAACCTCAGTCTCCTGGTGGAAGAACATGAGTTCAACAAGCGTGTG
TGCACTATATTGGCTGACTCTTGCCGTGCTCAGGCTCATGCTGCTGACAGGGGAGAGAGGGGACATTTT
GGAGTCCAAATCTTGCATCATTTTCAATGAGTGTTCATGTCATGGCTGTAAAGAAGTAACCCATTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236361
Blue=ORF Red=Cloning site Green=Tag(s)

```
MEVKFITGKHGRRPQRAEPQRICRALWLPWPSLILKLLSWIILSNLFLHLRATHHMTPLRFLYLIA
LSEMTFREQTSHQIIQQMSLSNKLEQNQLYGEVINKETDNPVISSGLTLLFAQKPQSPGWKNMSSTKRV
CTILADSCRAQAHAADRGERGHFVQILHFFIEVFNVMAVRSNPF
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDSGFRTRFSLRDGGYSSVVDSSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001302797

ORF Size: 549 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).

RefSeq: [NM_001302797.1](#), [NP_001289726.1](#)

RefSeq Size: 2995 bp

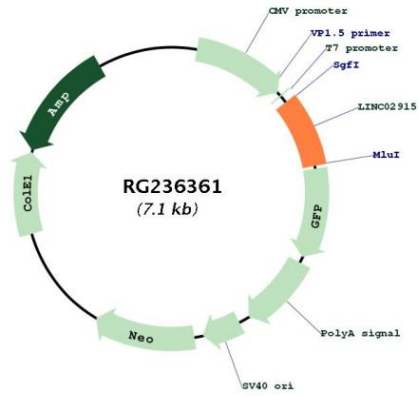
RefSeq ORF: 552 bp

Locus ID: 400360

Cytogenetics: 15q14

MW: 21 kDa

Product images:



Circular map for RG236361