

## Product datasheet for **RG235474**

### **C6orf48 (NM\_001287485) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C6orf48 (NM\_001287485) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** C6orf48  
**Synonyms:** D6S57; G8  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235474 representing NM\_001287485.  
Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
ATGGAGAGAAGCTTTGTATGGCTGTCATGCTTAGACAGTGATTCTGCAACTTGACCTTCAGGCTGGGA  
GAGGTGGAGAGCCATGCCTGTTCTCCTTCTGCTATGGAATTTGCTGACACAATATCTTCCGCTGGT  
GCTGGGCATATCCTAAGAACTTACAACCTTCTGTATTATCTGTGTGAGCAGCTGCACCTATTGGG  
GGAAAAATGCCTGAAAAAT  
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

**Protein Sequence:** >Peptide sequence encoded by RG235474  
Blue=ORF Red=Cloning site Green=Tag(s)

MERSFVWLSCLDSDSCNLTFRLGEVESHACSPSLLWNLLTQYLPPGAGHILRTYNFPVLSVSSCHLIG  
GKMPEN  
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


ACCN: NM\_001287485

ORF Size: 225 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\\_001287485.1](#), [NP\\_001274414.1](#)

RefSeq Size: 702 bp

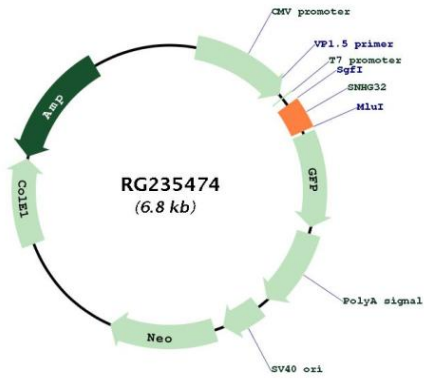
RefSeq ORF: 228 bp

Locus ID: 50854

Cytogenetics: 6p21.33

MW: 8.3 kDa

Product images:



Circular map for RG235474