

Product datasheet for **RG235475**

C6orf48 (NM_001287486) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C6orf48 (NM_001287486) 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: >RG235475 representing NM_001287486.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGAGAAGCTTTGTATGGCTGTCATGCTTAGACAGTGATTCTGCAACTTGACCTTCAGGCTGGGA
GAGGTGGAGAGCCATGCCTGTTCTCCTTCTGCTATGGAATTTGCTGACACAATATCTCCGCCTGGT
GCTGGGCATATCCTAAGAACTTACAACCTTCTGTATTATCTGTGTGAGCAGCTGCACCTATTGGG
GGAAAAATGCCTGAAAAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235475
Blue=ORF Red=Cloning site Green=Tag(s)

```
MERSFVWLSCLDSDSCNLTFRLGEVESHACSPSLLWNLLTQYLPAGHILRTYNFPVLSVSSCHLIG
GKMPEN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001287486

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_001287486.1](#), [NP_001274415.1](#)

RefSeq Size: 699 bp

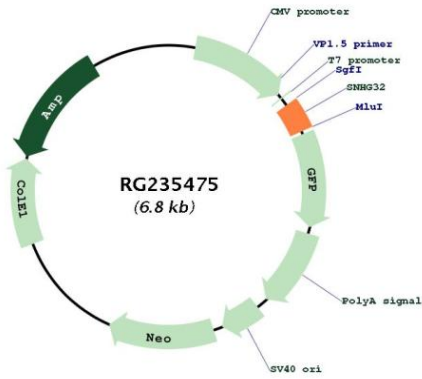
RefSeq ORF: 228 bp

Locus ID: 50854

Cytogenetics: 6p21.33

MW: 8.3 kDa

Product images:



Circular map for RG235475