

Product datasheet for **RG237267**

C11orf54 (NM_001286070) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | C11orf54 (NM_001286070) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | C11orf54 |
| Synonyms: | PTD012; PTOD012 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG237267 representing NM_001286070. Blue=ORF Red=Cloning site Green=Tag(s) |

```
GCTCGTTT AGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCAGAAGGGGTAAAAGATAACTTTGCTGATGTCCAGGTCTCTGTAGTTGATTGCCCTGATTTGACT
AAGGAACCCTTACCTTTCTGTAAAAGGCATCTGTGGGAAAAGTGAATTGCAGAAGTTGGAGGTGTG
CCTTACTATTGCCTCTGTAAACCAAAAAAAGTTTATGATCTGAATAAAATTGCAAAGAAATCAAG
CTGCCTGGAGCCTTATTCTTGGAGCAGGAGCAGGTCCATTTAGACTCTCGGGTCAATTCTGAGTTT
ATGCCAGTTATTCAGACAGAAAGTGAACACAAGCCTCCTGTAATGGAAGTTACTTTGCCATGTGAAC
CCTGCAGATGGAGGTGCCTACTGGAGAAATACAGTGAGAAATGTCATGATTTTCAGTGTGCATTACTG
GCTAATCTTTTGCAGTGAAGGCAACCTGGCAAGGTAATTGAGGTGAAAGCCAAAAGAAGAACTGGA
CCACTTAACTTTGTGACTTGTATGAGAGAGACCCTGAAAAACATTATGAAATAAGCCTATAGGAATG
GGAGGTACTTTTATAATTCAGAAGGGAAAAGTGAAGTCTCACATTATGCCTGCAGAAATTTCTTCTCTGC
CCCTTGAAGTCTGATGAAGAAGTGAATAAATGGTTGCATTTTTATGAAATGAAAGCTCCTTTGGTTTGT
CTACCAGTTTTTGTCTCCAGAGACCCAGGGTTGATTTGCGACTGGAGCACACTATTTTTAGTCGT
CATGGAGAAGGTGGACTACTACCATTATGACTACTCCAGATATAGTGAATATCTTGGACTCTTCTTA
CCTGCAGAGTTTCTATCGATTGATCAACCAAAAGAGACGCATTCAATTGGCGAGAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



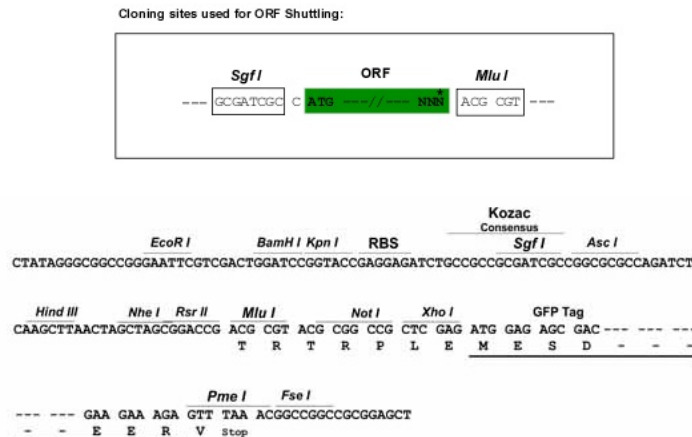
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237267
 Blue=ORF Red=Cloning site Green=Tag(s)

MQKGLKDNFADVQVSVDPCDL TKEPFTFPVKGICGKTRIAEVGGVPYLLPLVNQKVVYDLNKIAKEIK
 LPGAFILGAGAGPFQTLGFNSEFMPVIQTESEHKPPVNGSYFAHVNADGGCLLEKYSEKCHDFQCALL
 ANLFASEGQPGKVIIEVKAKRRTGPLNFVTCMRETLEKHYGNKPIGMGGTFIIQKGVKSHIMPAEFSSC
 PLNSDEEVNKLHIFYEMKAPLVCLPVFVSRDPGFDLRLEHTHFFSRHGEGGHYHYDTPDIVEYLGVFL
 PAEFLYRIDQPKETHSIGRD
TR
TRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286070

ORF Size: 888 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).

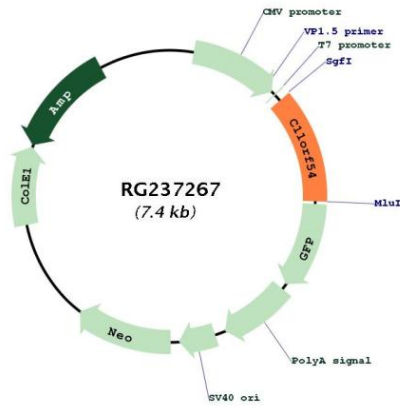
RefSeq: [NM_001286070.1](#), [NP_001272999.1](#)

RefSeq Size: 2442 bp

RefSeq ORF: 891 bp

Locus ID: 28970
 UniProt ID: [Q9H0W9](#)
 Cytogenetics: 11q21
 MW: 33.5 kDa
 Gene Summary: Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237267