

Product datasheet for **RG237395**

C11orf54 (NM_001286068) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf54 (NM_001286068) 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:	>RG237395 representing NM_001286068. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCTTGTGCTGAGTTTTCTTTTCATGTACCAAGTCTTGAAGAGCTTGCTGGAGTTATGCAGAAGGGG
TAAAAGATAACTTTGCTGATGTCCAGGTCTCTGTAGTTGATTGCCCTGATTTGACTAAGGAACCCTTT
ACCTTTCCTGTAAAAGGCATCTGTGGGAAACTAGAATTGCAGAAGTTGGAGGTGTGCCTTACTTATTG
CCTTTGTAAACCAAAAAAAGTTTATGATCTGAATAAAATTGCAAAGAAATCAAGCTGCCTGGAGCC
TTTATTCTTGAGCAGGAGCAGGTCCATTTAGACTCTCGGGTCAATTCTGAGTTTATGCCAGTTATT
CAGACAGAAAGTGAACACAAGCCTCCTGTAATGGAAGTACTTTGCCCATGTGAACCCTGCAGATGGA
GGGTGCCTACTGGAGAAATACAGTGAGAAATGTCATGATTTTTCAGTGTGCATTACTGGCTAATCTTTT
GCCAGTGAAGGCCAACCTGGCAAGGTAATTGAGGTGAAAGCCAAAAGAAGAACTGGACCCTTAACCTT
GTGACTTGTATGAGAGAGACCCTGGAAAAACATTATGGAATAAGCCTATAGGAATGGGAGGTACTTTC
ATAATTCAGAAGGGAAAAGTGAAGTCTCACATTATGCCTGCAGAAATTTCTTCTGCCCTTGAAGTCT
GATGAAGAAGTGAATAAATGGTTGCATTTTATGAAATGAAAGCTCCTTTGGTTTGTCTACCAGTTTTT
GTCTCCAGAGACCCAGGGTTTGATTTGCGACTGGAGCACACTCATTTTTTATGTCGTCATGGAGAAGGT
GGACACTACCATTATGACACTACTCCAGATATAGTGAATATCTTGGATACTTCTTACCTGCAGAGTTT
CTCTATCGCATTGATCAACCAAAAGAGACGCATTCAATTGGGCGAGAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237395
 Blue=ORF Red=Cloning site Green=Tag(s)

MACAEFSFHVPSLEELAGVMQKGLKDNFADVQVSVVDCPDLTKEPFTFPVKIGCGKTRIAEVGGVPYLL
 PLVNQKKVYDLNKIAKEIKLPGAFILGAGAGPFQTLGFNSEFMPVIQTESEHKPPVNGSYFAHVNADG
 GCLLEKYSEKCHDFQCALLANLFASEGQPGKVIKAKRRRTGPNFVTCMRETLEKHYGNKPIGMGGTF
 IIQKGVKSHIMPAEFSSCPLNSDEEVNKLHFWEMKAPLVCLPVFVSRDPGFDLRLHETHFFSRHGEG
 GHYHYDTPDIVEYLYFLPAEFLYRIDQPKETHSIGRD
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286068

ORF Size: 945 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).

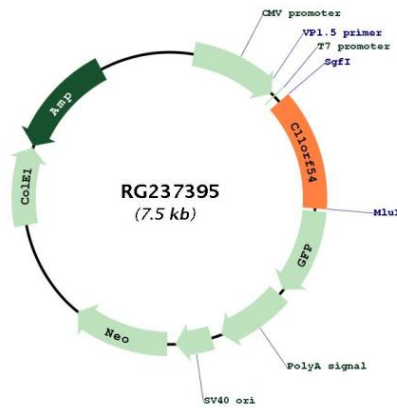
RefSeq: [NM_001286068.2](#)

RefSeq Size: 2589 bp

RefSeq ORF: 948 bp

Locus ID: 28970
UniProt ID: [Q9H0W9](#)
Cytogenetics: 11q21
MW: 35.6 kDa
Gene Summary: Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237395