

Product datasheet for **RG238576**

C14orf93 (NM_001282970) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf93 (NM_001282970) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C14orf93
Synonyms:	RTFC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238576 representing NM_001282970.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCCTTCAGTGCCACCATTCTCTTCTCCCCTCCCAGTGGCAGCGAGGCCAGATGCTGCTGCTGCGCC
TGTAAGAGTGAGACTAATGGAGGCAACACAGGCTCCCAGGGTGGGAATCCTCTCCAGCACCCCATC
ACAGTGAAGTGGACATGGCTTGGCTGTTCCAGAGCTCAGAGCAGCTCCTGCATGTTATCTACCAGCGGTC
GATAAGGCAGTGGGTTTGGCTGAAGCTGCTCTGGGCTTGCCAGGGCCAACAATGAGTTGTTAAACGT
CTCCAGGAGGAAGTGGGTGACCTGAGGCAAGGAAAGTGTCCATCCCTGATGAAGATGGGAAAGCCGG
GCACATAGTTCCCACCTGAGGAGCCTGGGCTCTCAAGGAAAGTCCCGGGAAGCCTTTAAGGCTCTG
TCTGCCGTGGAAGAGGAGTGTGACAGCGTGGGCAGCGCGTGCAGGTGGTATTGAGGAGCTGCGGCAG
CTGGGAGCAGCCTCAGTGGGCTGGGCTTTGGGCTTCCAGCAACTCAGAGGACATGCGGCTCCCA
GGGTGCACGCTGGCTGCCAGCGAGGCGGCCCTTCTCAATCCTCTGGTGGATGATTACGTGGCCTCT
GAGGGTGCAGTACAGCGAGTTCTGGTCCCTGCTTATGCCAAGCAACTCTACCAGCCACACAAGTGGCA
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ATGCTCAATGCCGCTGCTGCGCTGGACAGTGCCTTGAAGAGTCAAGCCCTGGGAGCACTGGGAGCTG
AGACACTCTTAGGGCTGACCGTTTCCCATGCAGGACCAGGAAAGTGGGCAGAAGAACTCCAGGCGC
AAGCGGATCTTGTACTCTCTAACTGGTCCACAATGTGCATAACCACATACCAATGACAAGAGATTC
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CAAGAGCTGGTGACCAGTCCCACAATTACACTGATAAGGAGCTAAAAGGAGCCTGTGTGGCCTACTTC
CTTACTAAGAGGCGTGAGTACCGCAACTCCCTGAACCCCTTTAAGGCCTGAAGGAAAAGAGGAGAAG
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GACAGACTGCCTTCTGCTGAAGCCAGCTCCTTCCACCAGAACTTTACAATCCTAATTTCCAAGAAGAG
GAAGATGAGGGAGGGGATGAGAATGCACCTGGCTCCCATCTTTTGACCAACCCACAAAACCTGCTGT
CCTGACTTGAACCTATTGAAATCAAGGTGGAAAAGGATGAA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

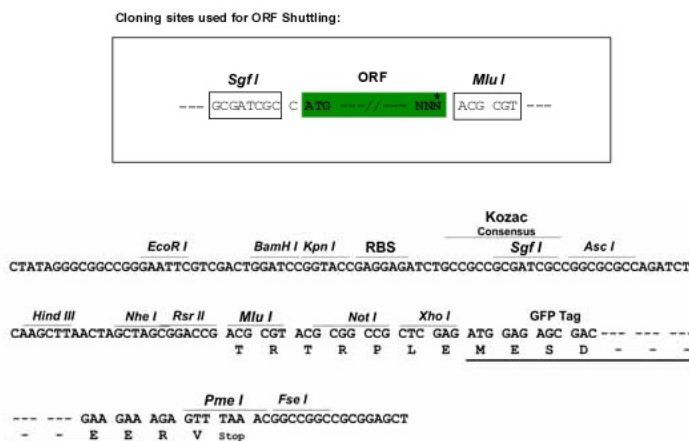
>Peptide sequence encoded by RG238576
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSFSATILFSPPSGSEARCCCKSETNGGNTGSQGGNPPSTPITVTGHGLAVQSSEQLLHVYQRV
DKAVGLAEALGLARANNELKRLQEEVGLRQKVSIPDEDGESRAHSSPPEEPGLKESPGAEFKAL
SAVEEEDSVSGVQVVEELRQLGAASVGPGLGFPATQRDMRLPGCTLAASEAAPLLNPLVDDYVAS
EGAVQRLVPAYAKQLSPATQLAIQRATPETGPENGTLPPEPDMNAAAALDSALEESGPGSTGEL
RHSLGLTVSPCRTRGSGQKNSRRKRDVLVSKLVHNVHNI TNDKRFNGSESIKSSWNI SVVKFLLLEKLE
QELVTSPhNYTDKELKGACVAYFLTKRREYRNSLNPFGLEKEEKKLRSRRYRLFANRSSIMRHFPE
DQRLWNDVTEELMSDEEDSLNEPDRLPSEAQLLPPPEL YNPNFQEEDEGGDENAPGSPSFDQPHKTC
PDLNSFIEIKVEKDE
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001282970

ORF Size: 1494 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_001282970.2](#)

RefSeq Size: 2310 bp

RefSeq ORF: 1497 bp

Locus ID: 60686

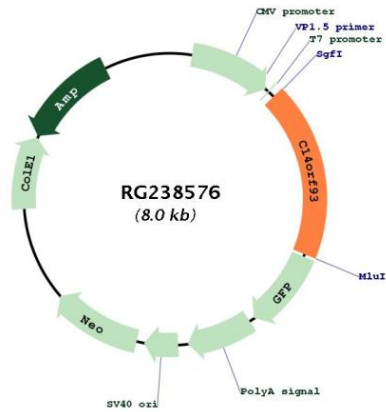
UniProt ID: [Q9H972](#)

Cytogenetics: 14q11.2

Protein Families: Secreted Protein

MW: 54.6 kDa

Product images:



Circular map for RG238576