

## Product datasheet for **RG235766**

### APRG1 (C3orf35) (NM\_178344) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** APRG1 (C3orf35) (NM\_178344) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** APRG1  
**Synonyms:** APRG1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235766 representing NM\_178344.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGCGCGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAAAACAATGGCAACAAGAAAAGGTGTAACTTTCCAGAACAGGCCAGAAATTTGAAAATGTGATA
AAGAGGTTATTGTGCGCCGAACTTTTACACAAGAATTGGAGGAGATTTAACACATGGAATAATAAAC
AGAGGAAGGCGGGCTAATGCAGAGCAGATGGGCCTGCAGGGCAGTGCTCAGCATTTCAACATCTTTCCC
CTGGACCTTTGGACCAAGGTGATTGCATGCTGGTGTCTTTAGCTAAAAATAAGTTAATGTCTTTGGG
GCAATCATAAATATGGCTGCTTCAGTTTCTGGGGTATTGGTGGTCTAAAGTTTTCAAGAACCTACTAT
GTGAAAGGCATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235766  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MKTMATRKRCKLSRTGPEFENVIKRLLCARTFHTRIGGDLTHGIINRGRANAEQMLQGSAQHFNIFP
LDLWTQDCMLVSLAKNKVNVFGAIINMAASVSGVIGGLKFSRTYYVKGI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_178344

**ORF Size:** 357 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\\_178344.2](#), [NP\\_848034.2](#)

**RefSeq Size:** 1836 bp

**RefSeq ORF:** 360 bp

**Locus ID:** 339883

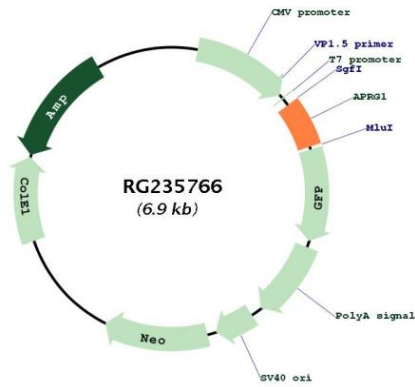
**UniProt ID:** [Q8IVJ8](#)

**Cytogenetics:** 3p22.2

**Protein Families:** Transmembrane

**MW:** 13.2 kDa

Product images:



Circular map for RG235766