OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC214552

APRG1 (C3orf35) (NM_178339) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APRG1 (C3orf35) (NM_178339) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	APRG1
Synonyms:	APRG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RC214552 representing NM_178339
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAACAATGGCAACAAGAAAAAGGTGTAAACTTTCCAGAACAGGCCCAGAATTTGAAAATGTGATAA
AGAGGTTATTGTGCGCCCGAACTTTTCACACAAGAATTGGAGGAGATTTAACACATGGAATAATAAACAG
AGGAAGGCGGGCTAATGCAGAGCAGATGGGCCTGCAGGGCAGTGCTCAGCATTTCAACATCTTTCCCCTG
GACCTTTGGACCCAAGGTAAGAAAACTGAAGTTCAGAAAAGGGAGGGGACTGACTCAATCCCAGCTGCTG
GCAGATCTGGGACTGCAAACCAGCCTTCCATTGCTCCACACAGGTGTCTCTTCTCACGTGGAATCACAGC
ATTGGATGGACTGAAAAGAGGAAGAGGCTGCAATGGAGCAGCACACCTGGTGCGTGGGGATGCCTGGAAA
ACAAAATTAGGAGAGCCCTGGGTCAGCATTGCTCTGGCACTGGCTGGGCCGGGGGCCATCCTGATTCTAG
AATTATCTTGGTTCCTGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence:

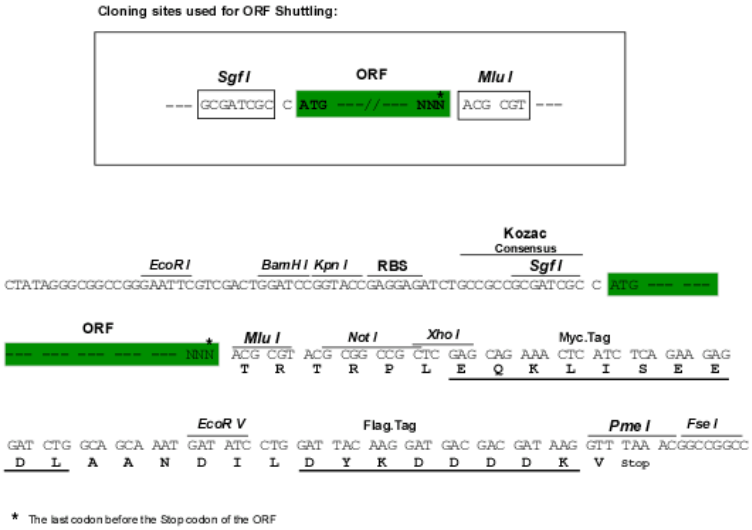
```
>RC214552 representing NM_178339
Red=Cloning site Green=Tags(s)

MKTMATRKRCKLSRTGPEFENVIKRLLCARTFHTRIGGDLTHGIINRGRRANAEQMGLQGSAQHFNIFPL
DLWTQGKKTEVQKREGTDSIPAAGRSGTANQPSIAPHRCLFSRGITALDGLKRGRGCNGAAHLVRGDAWK
TKLGEPWVSIALALAGPGAILILELSWFLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Cloning Scheme:



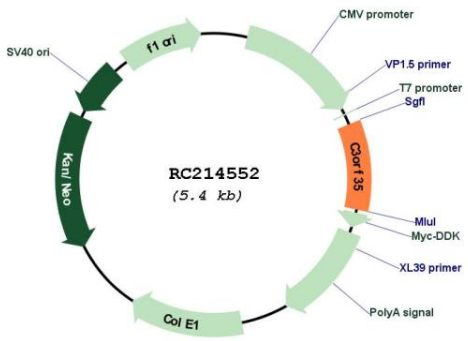
ACCN:	NM_178339
ORF Size:	510 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_178339.2, NP_848029.2
RefSeq Size:	1558 bp
RefSeq ORF:	513 bp
Locus ID:	339883
UniProt ID:	Q8IVJ8
Cytogenetics:	3p22.2

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Protein Families: Transmembrane

MW: 18.5 kDa

Product images:



Circular map for RC214552

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US