

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: C3orf35
Synonyms: APRG1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC214552 representing NM_178339
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAAACAAATGGCAACAAGAAAAGGTGTAACCTTTCCAGAACAGGCCAGAATTTGAAAATGTGATAA
 AGAGGTTATTGTGCGCCGAACCTTTTCACACAAGAATTGGAGGAGATTTAACACATGGAATAATAAACAG
 AGGAAGGCGGGCTAATGCAGAGCAGATGGGCCTGCAGGGCAGTGCTCAGCATTTCACATCTTTCCCTG
 GACCTTTGGACCAAGGTAAGAAAAGTGAAGTTCAGAAAAGGGAGGGGACTGACTCAATCCAGCTGCTG
 GCAGATCTGGGACTGCAAACCAGCCTTCCATTGCTCCACACAGGTGTCTTCTCACGTGGAATCACAGC
 ATTTGGATGGACTGAAAAGAGGAAGAGGCTGCAATGGAGCAGCACACCTGGTGCCTGGGGATGCCTGGAAA
 ACAAATTAGGAGAGCCCTGGGTCAGCATTGCTCTGGCACTGGCTGGGCCGGGGCCATCCTGATTCTAG
 AATTATCTTGTTCTCTGGGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC214552 representing NM_178339
 Red=Cloning site Green=Tags(s)

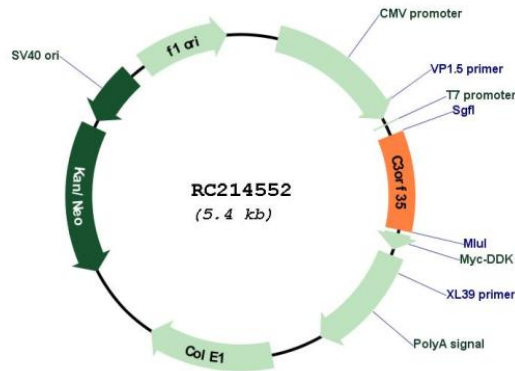
MKTMATRKRKLSRTGPEFENVIKRLLCARTFHTRIGGDLTHGIINRGRANAEQMLQGSQAQHFNIFPL
 DLWTQGKKTEVQKREGTDSIPAAGRSGTANQPSIAPHRCLFSRGITALDGLKRGRGCNGAHLVRGDAWK
 TKLGEPWVSIALALAGPGAILILELSWFLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:

Plasmid Map:


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:	<ol style="list-style-type: none">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
Protein Families:	Transmembrane
MW:	18.5 kDa