

## APRG1 cDNA

Catalog Number: ATGD0409

### PRODUCT INFORMATION

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**Catalog number**

ATGD0409

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_848032.1

**Alternative Names**

C3orf35

**mRNA Refseq**

NM\_178342.2

**OMIM**

611429

**Chromosome location**

3p22.2

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

360bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

## APRG1 cDNA

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APRG1 (AP20 region protein 1) is a 170 amino acid single-pass membrane protein that exists as 3 alternatively spliced isoforms. The gene encoding APRG1 maps to human chromosome 3, which houses over 1, 100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

### DATA

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#### Sequence nucleotides

```
ATGAAAACAATGGCAACAAGAAAAAGGTGTAACTTTCCAGAACAGGCCAAGAATTTGAAAATGTGATAAAGAGGTTATTGT
GCGCCCGAACTTTTCACACAAGAATTGGAGGAGATTTAACACATGGAATAATAAACAGAGGAAGGCGGGCTAATGCAGAGC
AGATGGGCCTGCAGGGCAGTGCTCAGCATTTC AACATCTTTCCCCTGGACCTTTGACCCAAGGTGATTGCATGCTGGTGT
CTTTAGCTAAAAATAAAGTTAATGTCTTTGGGGCAATCATAAATATGGCTGCTTCAGTTTCTGGGGTGATTGGTGGTCTAAAG
TTTTCAAGAACCTACTATGTGAAAGGCATTTGA
```

#### Transaction Sequence

```
MKTMATRKRC KLSRTGPEFE NVIKRLLCAR TFHTRIGGDL THGIINRGR ANAEQMGLQG SAQHFNIFPL DLWTQDCML
VSLAKNKVNV FGAIINMAAS VSGVIGGLKF SRYYYYKGI
```