

APRG1 cDNA

Catalog Number: ATGD0409

PRODUCT INFORMATION

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

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

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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

Sequence nucleotides

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

Transaction Sequence

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