

## RAB3C cDNA

Catalog Number: ATGD0181

### PRODUCT INFORMATION

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**Catalog number**

ATGD0181

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_612462.1

**Alternative Names**

**mRNA Refseq**

NM\_138453.2

**OMIM**

612829

**Chromosome location**

5q13

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

684bp

**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**

RAB gens, such as RAB3C, are small GTPases implicated in the regulation of vesicular trafficking between

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membrane compartments.

### DATA

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#### Sequence nucleotides

```
ATGAGACACGAAGCGCCCATGCAGATGGCCTCTGCCCAAGATGCCAGGTACGGCCAGAAAGACTCCTCTGATCAGAACTTT
GACTACATGTTCAAATTAATCATCATCGGCAATAGCAGTGTGGGGAAAACATCTTTTCTATTCCGTTATGCAGATGACTCCTT
TACATCTGCATTTCGTCAGCACAGTTGGGATCGATTTCAAAGTAAAAACTGTATTCAAAAATGAAAAGAGAATCAAGCTTCAGA
TTTGGGACACAGCAGGCCAGGAAAGATACAGGACTATCACACAGCCTATTATCGTGGAGCCATGGGCTTTATTTAATGTA
TGACATTACAAATGAAGAATCCTTCAATGCAGTACAAGATTGGTCAACTCAAATCAAACATACTCTTGGGACAATGCCCAAG
TTATTCTGGTTGGGAACAAGTGTGACATGGAAGACGAGCGGGTTCATCTCAACTGAGCGAGGTCAACATTTAGGAGAACAGC
TTGGGTTTGGAGTTTTTTGAAACAAGTGCCAAGGACAACATTAATGTCAAGCAGACATTTGAGCGCCTTGTGGATATCATCTG
CGACAAAATGTCAGAGAGTTTGGAGACTGATCCTGCCATCACTGCTGCAAAGCAGAACACGAGACTCAAGGAAACTCCTCC
TCCACCGCAGCCCAACTGTGCCTGCTAG
```

#### Transaction Sequence

```
MRHEAPMQMA SAQDARYGQK DSSDQNFDMY FKLLIIGNSS VGKTSFLFRY ADDSFTSAFV STVGIDFKVK TVFKNEKRIK
LQIWDTAGQE RYRTITTAYY RGAMGFILMY DITNEESFNA VQDWSTQIKT YSWDNAQVIL VGNKCDMEDE RVISTERGQH
LGEQLGFEFF ETSAKDNINV KQTFERLVDI ICDKMSSELE TDPAITAAKQ NTRLKETPPP PQPNCAC
```