

RAB22A cDNA

Catalog Number: ATGD0178

PRODUCT INFORMATION

Catalog number

ATGD0178

Product type

cDNA

Species

Human

NCBI Accession No.

NP_065724.1

Alternative Names**mRNA Refseq**

NM_020673.2

OMIM

612966

Chromosome location

20q13.32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

585bp

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

The protein encoded by RAB22A is a member of the RAB family of small GTPases. The GTP-bound form of the

RAB22A cDNA

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encoded protein has been shown to interact with early-endosomal antigen 1, and may be involved in the trafficking of and interaction between endosomal compartments.

DATA

Sequence nucleotides

```
ATGGCGCTGAGGGAGCTCAAAGTGTGTCTGCTCGGGGATACAGGTGTAGGTAAATCGAGTATTGTGTGGCGGTTTGTGGAA
GACAGTTTTGATCCAAACATCAACCCAACAATAGGGGCATCTTTTATGACCAAGACTGTCCAGTACCAAAATGAGCTACATAA
ATTCCTAATCTGGGATACAGCTGGACAAGAACGATTTTCGTGCCTTAGCACCAATGTACTATCGAGGGTCGGCTGCAGCTATA
ATCGTTTATGATATCACAAAAGAAGAGACATTTTCAACATTAAAGAATTGGGTGAAAGAGCTTCGACAGCATGGCCACCTA
ATATTGTAGTTGCCATTGCAGGAAATAAATGTGATCTTATCGATGTAAGAGAAGTCATGGAGAGAGATGCAAAGGACTACGC
CGACTCTATTCATGCAATTTTTGTAGAGACCAGCGCAAAAAACGCGATAAACATAAATGAACTCTTTATAGAAATTAGTCGAA
GAATTCATCCACTGACGCCAACCTGCCATCTGGCGGTAAGGGCTTCAAACCTCCGAAGACAGCCTTCAGAGCCAAAGCGGA
GCTGCTGCTGA
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Transaction Sequence

```
MALRELKVCL LGDTGVGKSS IVWRFVEDSF DPNINPTIGA SFMTKTVQYQ NELHKFLIWD TAGQERFRAL APMYYRGSAA
AIIVYDITKE ETFSTLKNWV KELRQHGPPN IVVAIAGNKC DLIDVREVM RDAKDYADSI HAIFVETSAK NAININELFI
EISRRIPSTD ANLPSGGKGF KLRRQPSEPK RSCC
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