## 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 100 ul of sterile water to dissolve the DNA.

Each tube contains approximately 10 ug 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
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 ATTCCTAATCTGGGATACAGCTGGACAAGAACGATTTCGTGCCTTAGCACCAATGTACTATCGAGGGTCGGCTGCAGCTATA ATCGTTTATGATATCACAAAAGAAGAGACATTTTCAACATTAAAGAATTGGGTGAAAGAGCTTCGACAGCATGGCCCACCTA ATATTGTAGTTGCCATTGCAGGAAATAAATGTGATCTTATCGATGTAAGAGAAGTCATGGAGAGAGATGCAAAGGACTACGC CGACTCTATTCATGCAATTTTTGTAGAGACCAGCGCAAAAAACGCGATAAACATAAATGAACTCTTTATAGAAATTAGTCGAA GAATTCСATCCACTGACGCCAACCTGCCATCTGGCGGTAAGGGCTTCAAACTCCGAAGACAGCCTTCAGAGCCAAAGCGGA GCTGCTGCTGA

## Transaction Sequence

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

