

RAB17 cDNA

Catalog Number: ATGD0177

PRODUCT INFORMATION

Catalog number

ATGD0177

Product type

cDNA

Species

Human

NCBI Accession No.

NP_071894.1

Alternative Names**mRNA Refseq**

NM_022449.3

OMIM

602206

Chromosome location

2q37.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

639bp

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 Rab subfamily of small GTPases plays an important role in the regulation of membrane trafficking. RAB17 is

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an epithelial cell-specific GTPase

DATA**Sequence nucleotides**

ATGGCACAGGCACACAGGACCCCCAGCCCAGGGCTGCCCCAGCCAGCCCCGTGTGTTCAAGCTGGTTCTCCTGGGAAG
TGGCTCCGTGGGTAAGTCCAGCTTGGCTCTTCGGTACGTGAAGAACGACTTCAAGAGTATCCTGCCTACGGTGGGCTGTGC
GTTCTTCACAAAGGTGGTGGATGTGGGTGCCACCTCTCTGAAGCTTGAGATCTGGGACACAGCTGGCCAGGAGAAGTACCA
CAGCGTCTGCCACCTCTACTTCAGGGGTGCCAACGCTGCGCTTCTGGTGTACGACATCACCAGGAAGGATTCCTTCCTCAA
GGCTCAGCAGTGGCTGAAGGACCTGGAGGAGGAGCTGCACCCAGGAGAAGTCCTGGTGATGCTGGTGGGCAACAAGACG
GACCTCAGCCAGGAGCGGGAGGTGACCTTCCAGGAAGGGAAGGAGTTTGCCGACAGCCAGAAGTTGCTGTTTCATGGAAAC
TTCGGCCAAACTGAACCACCAGGTGTCGGAGGTGTTCAATACAGTGGCCCAAGAGCTACTGCAGAGAAGCGACGAGGAGG
GCCAGGCTCTACGGGGGGATGCAGCTGTGGCTCTGAACAAGGGGGCCCGCAGGCAGGCCAAATGCTGCGCCCACTAG

Transaction Sequence

MAQAHRTQP RAAPSQPRVF KLVLLGSGSV GKSSLALRYV KNDFKSILPT VGCAFFTKV DVGATSLKLE IWDTAGQEKY
HSVCHLYFRG ANAALLVYDI TRKDSFLKAQ QWLKDLEEL HPGEVLVMLV GNKTDLSQER EVTFQEGKEF ADSQKLLFME
TSAKLNHQVS EVFNTVAQEL LQRSDEEGQA LRGDAVALN KGPARQAKCC AH