

RAB4B cDNA

Catalog Number: ATGD0183

PRODUCT INFORMATION

Catalog number

ATGD0183

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057238.3

Alternative Names**mRNA Refseq**

NM_016154.4

OMIM

612945

Chromosome location

19q13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

642bp

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 Nde 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 genes, such as RAB4B, are members of the RAS superfamily of small GTPases that are involved in vesicular

RAB4B cDNA

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trafficking.

DATA

Sequence nucleotides

ATGGCTGAGACCTACGACTTCCTCTTCAAATTCCTGGTGATTGGCAGTGCAGGAACTGGCAAATCATGTCTCCTTCATCAGT
TCATTGAGAATAAGTTCAAACAGGACTCCAACCACACAATCGGCGTGGAGTTTGGATCCCGGGTGGTCAACGTGGGTGGGA
AGACTGTGAAGCTACAGATTTGGGACACGGCTGGCCAGGAGCGGTTTCGGTCAGTGACGCGGAGTTATTACCGAGGGGCG
GCTGGAGCCCTGCTGGTGTACGACATCACCAGCCGGGAGACATACTCACTGGCTGCCTGGCTGACGGATGCCCCGCAC
CCTGGCCAGCCCCAACATCGTGGTCATCCTCTGTGGCAACAAGAAGGACCTGGACCCTGAGCGGGAGGTCACTTTCCTGGA
GGCCTCCCGCTTTGCCAGGAGAATGAGCTGATGTTCTGGAGACCAGCGCTCTCACAGGCGAGAACGTGGAGGAGGCGT
TCCTCAAGTGTGCCCCGACTATCCTCAACAAGATTGACTCAGGCGAGCTAGACCCGGAGAGGATGGGCTCTGGCATTCACT
ACGGGGATGCGTCCCTCCGCCAGCTTCGGCAGCCTCGGAGTGCCAGGCCGTGGCCCTCAGCCGTGTGGCTGCTGA

Transaction Sequence

MAETYDFLFK FLVIGSAGTG KSCLLHQFIE NKFKQDSNHT IGVEFGSRVV NVGGKTVKLQ IWDTAGQERF RSVTRSYRG
AAGALLVYDI TSRETYNSLA AWLTDARTLA SPNIVILCG NKKDLDPERE VTFLEASRFA QENELMFLET SALTGENVEE
AFLKCARTIL NKIDSGELDP ERMGSGIQYG DASLRQLRQP RSAQAVAPQP CGC