

RAB5C cDNA

Catalog Number: ATGD0445

PRODUCT INFORMATION

Catalog number

ATGD0445

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004574.2

Alternative Names

L1880, RAB5CL, RAB5L, RABL

mRNA Refseq

NM_004583.3

OMIM

604037

Chromosome location

17q21.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

651bp

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

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RAB5C belongs to the small GTPase superfamily of the ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment.

DATA

Sequence nucleotides

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ATGGCGGGTCGGGGAGGCGCAGCACGACCCAATGGACCAGCTGCTGGGAACAAGATCTGTCAATTTAAGCTGGTTCTGCT
GGGGGAGTCTGCGGTAGGCAAATCCAGCCTCGTCCTCCGCTTTGTCAAGGGACAGTTTCACGAGTACCAGGAGAGCACAAT
TGGAGCGGCCTTCCTCACACAGACTGTCTGCCTGGATGACACAACAGTCAAGTTTGAGATCTGGGACACAGCTGGACAGGA
GCGGTATCACAGCCTGGCCCCCATGTACTATCGGGGGGGCCAGGCTGCCATCGTGGTCTATGACATCACCAACACAGATAC
ATTTGCACGGGGCCAAGAAGTGGGTGAAGGAGCTACAGAGGCAGGCCAGCCCCAACATCGTCATTGCACTCGCGGGTAACA
AGGCAGACCTGGCCAGCAAGAGAGCCGTGGAATTCCAGGAAGCACAAGCCTATGCAGACGACAACAGTTTGCTGTTTCATG
GAGACATCAGCAAAGACTGCAATGAACGTGAACGAAATCTTCATGGCAATAGCTAAGAAGCTTCCCAAGAACGAGCCCCAG
AATGCAACTGGTGCTCCAGGCCGAAACCGAGGTGTGGACCTCCAGGAGAACAACCCAGCCAGCCGGAGCCAGTGCTGCAG
CAACTGA
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Transaction Sequence

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MAGRGAARP NGPAAGNKIC QFKLVLLGES AVGKSSLVLR FVKGQFHEYQ ESTIGAAFLTQTVCLDDTTV KFEIWDTAGQ
ERYHSLAPMY YRGAQAAIVV YDITNTDTFA RAKNWVKELQRQASPNIVIA LAGNKADLAS KRAVEFQEAQ AYADDNSLLF
METSATAMN VNEIFMAIAKKLPKNEPQNA TGAPGRNRGV DLQENNPASR SQCCSN
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