

RAB31 cDNA

Catalog Number: ATGD0101

PRODUCT INFORMATION

Catalog number

ATGD0101

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006859.2

Alternative Names

Rab22B

mRNA Refseq

NM_006868.3

OMIM

605694

Chromosome location

18p11.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

588bp

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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Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting

DATA

Sequence nucleotides

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ATGATGGCGATACGGGAGCTCAAAGTGTGCCTTCTCGGGGACACTGGGGTTGGGAAATCAAGCATCGTGTGTCGATTTGTC
CAGGATCACTTTGACCACAACATCAGCCCTACTATTGGGGCATCTTTTATGACCAAACTGTGCCTTGTGGAAATGAACTTCA
CAAGTTCCTCATCTGGGACACTGCTGGTCAGGAACGGTTTCATTATTGGCTCCCATGTACTATCGAGGCTCAGCTGCAGCT
GTTATCGTGTATGATATTACCAAGCAGGATTCATTTTATACCTTGAAGAAATGGGTCAAGGAGCTGAAAGAACATGGTCCAG
AAACATTGTAATGGCCATCGCTGGAAACAAGTGCGACCTCTCAGATATTAGGGAGGTTCCCCTGAAGGATGCTAAGGAAT
ACGCTGAATCCATAGGTGCCATCGTGGTTGAGACAAGTGCAAAAAATGCTATTAATATCGAAGAGCTCTTTCAAGGAATCAG
CCGCCAGATCCCACCCTTGACCCCCATGAAAATGAAACAATGGAACAATCAAAGTTGAGAAGCCAACCATGCAAGCCAG
CCGCCGGTGCTGTTGA
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Transaction Sequence

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MMAIRELKVC LLGDTGVGKS SIVCRFVQDH FDHNISPTIG ASFMTKTVPC GNELHKFLIW DTAGQERFHS LAPMYRGS
AAVIVYDITK QDSFYTLKKW VKELKEHGPE NIVMAIAGNK CDLS DIREVP LKDAKEYAES IGAIVVETSA KNAINIEELF
QGISRQIPPL DPHENGNGT IKVEKPTMQA SRRCC
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