

RAB32 cDNA

Catalog Number: ATGD0102

PRODUCT INFORMATION

Catalog number

ATGD0102

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006825.1

Alternative Names**mRNA Refseq**

NM_006834.3

OMIM

612906

Chromosome location

6q24.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

678bp

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

Small GTP-binding proteins of the RAB family, such as RAB32, play essential roles in vesicle and granule targeting

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DATA**Sequence nucleotides**

ATGGCGGGCGGAGGAGCCGGGGACCCCGGCCTGGGGGGCGGCCGCCGCCAGCGCCCGAGACCCGCGAGCACCTCTTC
AAGGTGCTGGTGATCGGCGAGCTTGGCGTGGGCAAGACCAGCATCATCAAGCGCTACGTCCACCAGCTCTTCTCCCAGCAC
TACCGGGCCACCATCGGGGTGGACTTCGCCCTCAAGGTCCTCAACTGGGACAGCAGGACTCTGGTGCGCCTGCAGCTGTG
GGACATCGCGGGGCAGGAGCGATTTGGCAACATGACCCGAGTATACTACAAGGAAGCTGTTGGTGCTTTTGTAGTCTTTGA
TATATCAAGAAGTTCCACATTTGAGGCAGTCTTAAATGGAAAAGTGATCTGGATAGTAAAGTTCATCTTCCAAATGGCAGCC
CTATCCCTGCTGTCCTCTTGGCTAACAAATGTGACCAGAACAAAGGACAGTAGCCAGAGTCCTTCCCAGGTGGACCAATTCTG
CAAAGAACATGGCTTTGCCGGATGGTTTGAAACCTCTGCAAAGGATAACATAAACATAGAGGAAGCTGCCCGGTTCTAGT
GGAGAAGATTCTTGTAACCAACCAAGCTTTCCTAATGAAGAAAACGATGTGGACAAAATTAAGCTAGATCAAGAGACCTTG
AGAGCAGAGAACAAATCCCAGTGTTGCTGA

Transaction Sequence

MAGGGAGDPG LGAAAAPAPE TREHLFKVLV IGELGVGKTS IIKRYVHQLF SQHYRATIGV DFALKVLNWD SRTLVRQLW
DIAGQERFGN MTRVYYKEAV GAFVVFDIR SSTFEAVLKW KSDLDSKVHL PNGSPIAVL LANKCDQNKD SSQSPSQVDQ
FCKEHGFAGW FETSAKDNIN IEEAARFLVE KILVNHQSFP NEENDVDKIK LDQETLRAEN KSQCC