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

ATGGCGGGCGGAGGAGCCGGGGACCCCGGCCTGGGGGCGGCCGCCGCCCCAGCGCCCGAGACCCGCGAGCACCTCTTC
AAGGTGCTGGTGATCGGCGAGCTTGGCGTGGGCAAGACCAGCATCATCAAGCGCTACGTCCACCAGCTCTTCTCCCAGCAC
TACCGGGCCACCATCGGGGTGGACTTCGCCCTCAAGGTCCTCAACTGGGACAGCAGGACTCTGGTGCGCCTGCAGCTGTG
GGACATCGCGGGGCAGGAGCGATTTGGCAACATGACCCGAGTATACTACAAGGAAGCTGTTGGTGCTTTTGTAGTCTTTGA
TATATCAAGAAGTTCCACATTTGAGGCAGTCTTAAAATGGAAAAGTGATCTGGATAGTAAAGTTCATCTTCCAAATGGCAGCC
CTATCCCTGCTGTCCTCTTGGCTAACAAATGTGACCAGAACAAGGACAGTAGCCAGAGTCCTTCCCAGGTGGACCAATTCTG
CAAAGAACATGGCTTTGCCGGATGGTTTGAAACCTCTGCAAAGGATAACATAAACATAGAGGAAGCTGCCCGGTTCCTAGT
GGAGAAGATTCTTGTAAACCACCAAAGCTTTCCTAATGAAGAAAACGATGTGGACAAAATTAAGCTAGATCAAGAGACCTTG
AGAGCAGAGAACAAATCCCAGTGTTGCTGA

Transaction Sequence

MAGGGAGDPG LGAAAAPAPE TREHLFKVLV IGELGVGKTS IIKRYVHQLF SQHYRATIGV DFALKVLNWD SRTLVRLQLW
DIAGQERFGN MTRVYYKEAV GAFVVFDISR SSTFEAVLKW KSDLDSKVHL PNGSPIPAVL LANKCDQNKD SSQSPSQVDQ
FCKEHGFAGW FETSAKDNIN IEEAARFLVE KILVNHQSFP NEENDVDKIK LDQETLRAEN KSQCC