

IFT22 cDNA

Catalog Number: ATGD0461

PRODUCT INFORMATION

Catalog number

ATGD0461

Product type

cDNA

Species

Human

NCBI Accession No.

NP_073614.1

Alternative Names

Intraflagellar transport 22, IFT22, RAB, Member RAS oncogene family-like 5, RABL5, Rab-like protein 5 isoform a, FAP9

mRNA Refseq

NM_022777.2

OMIM**Chromosome location**

7q22.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

558bp

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

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IFT22 (Intraflagellar Transport 22) is a small GTPase-like component of the intraflagellar transport (IFT) complex B.

DATA

Sequence nucleotides

ATGCTGAAAGCCAAGATCCTCTTCGTGGGGCCTTGCGAGAGTGGAAAACTGTTTTGGCCAACCTTCTGACAGAATCTTCTG
ACATCACTGAATACAGCCCAACCCAAGGAGTGAGGATCCTAGAATTTGAGAACCCGCATGTTACCAGCAACAACAAAGGCA
CGGGCTGTGAATTCGAGCTATGGGACTGTGGTGGCGATGCTAAGTTTGAGTCCTGCTGGCCGGCCCTGATGAAGGATGCTC
ATGGAGTGGTGATCGTCTTCAATGCTGACATCCCAAGCCACCGGAAGGAAATGGAGATGTGGTATTCTGCTTTGTCCAACA
GCCGTCCTTACAGGACACACAGTGTATGCTAATTGCACACCACAAACCAGGCTCTGGAGATGATAAAGGAAGCCTGTCTTTG
TCGCCACCCTTGAACAAGCTGAAGCTGGTGCACCTCAAACCTGGAAGATGACCCTGAGGAGATCCGGATGGAATTCATAAAG
TATTTAAAAAGCATAATCAACTCCATGTCTGAGAGCAGAGACAGGGAGGAGATGTCAATTATGACCTAG

Transaction Sequence

MLKAKILFVG PCESGKTVLA NFLTESSDIT EYSPTQGVRI LEFENPHVTS NNKGTGCEFE LWDCGGDAKF ESCWPALMKD
AHGVVIVFNA DIPSHRKEME MWYSCFVQQP SLQDTQCMLI AHHKPGSGDD KGSLSLSPPL NKLKLVHSNL EDDPEEIRME
FIKYLKSIIN SMSES RDREE MSIMT