# 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**

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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

## DATA

### Sequence nucleotides

ATGCTGAAAGCCAAGATCCTCTTCGTGGGGCCTTGCGAGAGTGGAAAAACTGTTTTGGCCAACTTTCTGACAGAATCTTCTG
ACATCACTGAATACAGCCCAACCCAAGGAGTGAGGATCCTAGAATTTGAGAACCCGCATGTTACCAGCAACAACAAAGGCA
CGGGCTGTGAATTCGAGCTATGGGACTGTGGTGGCGATGCTAAGTTTGAGTCCTGCTGGCCGGCCCTGATGAAGGATGCTC
ATGGAGTGGTGATCGTCTTCAATGCTGACATCCCAAGCCACCGGAAGGAAATGGAGATGTGGTATTCCTGCTTTGTCCAACA
GCCGTCCTTACAGGACACACAGTGTATGCTAATTGCACACCACAAACCAGGCTCTGGAGATGATAAAGGAAGCCTGTCTTTG
TCGCCACCCTTGAACAAGCTGAAGCTGGTGCACTCAAACCTGGAAGATGACCCTGAGGAGATCCGGATGGAATTCATAAAG
TATTTAAAAAGCATAATCAACTCCATGTCTGAGAGCAGAGACAGGGAGGAGATGTCAATTATGACCTAG

### Transaction Sequence

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