

TRAPPC2 cDNA

Catalog Number: ATGD0273

PRODUCT INFORMATION

Catalog number

ATGD0273

Product type

cDNA

Species

Human

NCBI Accession No.

NP_055378.1

Alternative Names

hYP38334, MIP2A, SEDL, SEDT, TRAPPC2P1, TRS20, ZNF547L

mRNA Refseq

NM_014563.5

OMIM

300202

Chromosome location

Xp22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

423bp

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

TRAPPC2 cDNA

Catalog Number: ATGD0273

TRAPPC2 is thought to be part of a large multi-subunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, the encoded protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. Mutations in this gene are a cause of spondyloepiphyseal dysplasia tarda (SED). A processed pseudogene of this gene is located on chromosome 19, and other pseudogenes are found on chromosomes 8 and Y. Alternatively spliced transcript variants have been found for this gene.

DATA

Sequence nucleotides

```
ATGTCTGGGAGCTTCTACTTTGTAATTGTTGGCCACCATGATAATCCAGTTTTTGAATGGAGTTTTTGCCAGCTGGGAAGG
CAGAATCCAAAGACGACCATCGTCATCTGAACCAGTTCATAGCTCATGCTGCTCTCGACCTCGTAGATGAGAACATGTGGCT
ATCGAACAACATGTACTTGAAAACGTGGGACAAGTTCAACGAGTGGTTTGTGTCGGCATTGTCTACTGCGGGGCATATGAG
GTTTATTATGCTTCATGACATAAGACAAGAAGATGGAATAAAGAACTTCTTTACTGATGTTTATGATTTATATATAAAGTTTTC
AATGAATCCATTTTATGAACCCAATTCTCCTATTCGATCAAGTGCATTTGACAGAAAAGTTCAGTTTCTTGGGAAGAAACACC
TTTTAAGCTGA
```

Transaction Sequence

```
MSGSFYFVIV GHHDNPVFEM EFLPAGKAES KDDHRHLNQF IAHAALDLVD ENMWLSNNMY LKTVDKFNEW FVSAFVTAGH
MRFIMLHDIR QEDGIKNFFT DVEDLYIKFS MNPFYEPNSP IRSSAFDRKV QFLGKKHLLS
```