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# **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**



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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 (SEDT). 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

#### **Transaction Sequence**

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

