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# **CETN1 cDNA**

Catalog Number: ATGD0235

# **PRODUCT INFORMATION**

# Catalog number

ATGD0235

#### **Product type**

cDNA

# **Species**

Human

#### **NCBI Accession No.**

NP 004057.1

#### **Alternative Names**

CEN1, CETN

#### mRNA Refseq

NM 004066.1

#### **OMIM**

603187

#### **Chromosome location**

18p11.32

#### PRODUCT SPECIFICATION

#### **Formulation**

Lyophilized

# **Storage**

Store the plasmid at -20C.

# **cDNA Size**

519bp

# 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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CETN1 plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This protein is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

# **DATA**

#### Sequence nucleotides

# **Transaction Sequence**

MASGFKKPSA ASTGQKRKVA PKPELTEDQK QEVREAFDLF DVDGSGTIDA KELKVAMRAL GFEPRKEEMK KMISEVDREG TGKISFNDFL AVMTQKMSEK DTKEEILKAF RLFDDDETGK ISFKNLKRVA NELGENLTDE ELQEMIDEAD RDGDGEVNEE EFLRIMKKTS LY

