

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

```
ATGGCTTCCGGCTTCAAGAAGCCCAGCGCTGCCTCCACCGGCCAAAAGAGAAAGGTGGCACCTAAGCCCGAGCTCACTGA
GGATCAGAAGCAAGAAGTTCGGGAAGCATTTGACCTCTTCGACGTGGACGGAAGTGGGACCATCGACGCGAAGGAGCTGA
AGGTGGCCATGAGAGCGCTGGGCTTCGAACCCAGGAAGGAAGAGATGAAGAAAATGATCTCCGAGGTGGACAGGGAAGG
CACGGGGAAGATCAGCTTCAATGACTTCCTGGCCGTGATGACGCAGAAGATGTCCGAGAAGGACACCAAAGAAGAAATCCT
GAAGGCCTTCAGGCTCTTTGATGACGATGAGACCGGGAAGATCTCGTTCAAAAACCTGAAGCGTGTGGCCAACGAGCTGG
GGGAGAACCTCACGGATGAGGAGCTGCAGGAGATGATCGACGAAGCTGATCGGGATGGGGACGGCGAAGTGAACGAGGA
GGAGTTCCTTCGGATCATGAAGAAGACCAGCCTTTACTGA
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Transaction Sequence

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