

POLE3 cDNA

Catalog Number: ATGD0377

PRODUCT INFORMATION

Catalog number

ATGD0377

Product type

cDNA

Species

Human

NCBI Accession No.

NP_059139.3

Alternative Names

CHARAC17, CHRAC17, p17, YBL1

mRNA Refseq

NM_017443.4

OMIM

607267

Chromosome location

9q33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

444bp

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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POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner.

DATA

Sequence nucleotides

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ATGGCGGAGAGGCCCGAGGACCTAAACCTGCCCAATGCCGTGATCACCAGGATCATCAAGGAGGCGCTCCCGGACGGTGT
CAACATCTCCAAGGAGGCCCGGAGCGCCATCTCCCGCGCCGCCAGCGTCTTCGTGCTGTACGCCACATCCTGTGCTAACAA
CTTTGCAATGAAAGGAAAGCGGAAGACGCTGAATGCCAGTGATGTGCTCTCAGCCATGGAAGAGATGGAGTTCAGCGGTT
CGTTACCCCATTTGAAAGAAGCTCTGGAAGCATATAGGCGGGAGCAGAAAGGCAAGAAGGAGGCCTCAGAGCAAAAGAAGA
AGGACAAAGACAAAAAACAGACTCGGAAGAGCAAGACAAGAGCAGGGATGAGGACAATGATGAAGACGAAGAAAGGCTG
GAAGAAGAAGAACAGAATGAAGAGGAAGAAGTAGACAACCTGA
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Transaction Sequence

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MAERPDLNL PNAVITRIK EALPDGVNIS KEARSAISRA ASVFVLYATS CANNFAMKGKRKTLNASDVL SAMEEMEFQR
FVTPLKEALE AYRREQGKK EASEQKKKDK DKKTDSEEQDKSRDEDNDED EERLEEEEQN EEEVDN
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