

**CEBPE cDNA**

Catalog Number: ATGD0366

**PRODUCT INFORMATION**

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**Catalog number**

ATGD0366

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001796.2

**Alternative Names**

C/EBP-epsilon, CRP1, CCAAT enhancer binding protein epsilon, CEBP epsilon

**mRNA Refseq**

NM\_001805.3

**OMIM**

600749

**Chromosome location**

14q11.2

**PRODUCT SPECIFICATION**

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

846bp

**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 Hind III. 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**

## CEBPE cDNA

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CEBPE is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related protein CEBP-delta. Multiple variants of this gene have been described, but the full-length nature of only one has been determined.

## DATA

### Sequence nucleotides

```
ATGTCCCACGGGACCTACTACGAGTGTGAGCCCCGGGGTGGCCAGCAGCCACTCGAGTTCTCAGGGGGCCGAGCTGGGCC
CGGGGAGCTAGGGGACATGTGTGAGCATGAGGCCTCCATTGACCTCTCCGCCTACATCGAGTCTGGGGAAGAGCAGCTTC
TCTCCGATCTCTTTGCCGTGAAGCCAGCGCCTGAGGCCAGAGGCCTCAAGGGCCCCGGAACCCCTGCCTTCCCCCACTACT
TGCCGCCTGACCCTCGGCCCTTTGCCTACCCTCCACATACCTTCGGCCCAGACAGGAAGGCGCTGGGGCCTGGCATCTACA
GCAGCCCAGGGAGCTACGACCCCAGGGCTGTGGCGGTGAAGGAGGAGCCCCGGGGGCCAGAGGGCAGCCGAGCTGCCA
GCCGAGGCAGCTACAATCCCCTGCAGTACCAAGTGGCACACTGTGGGCAGACAGCCATGCACCTGCCCCCAACTCTGGCA
GCACCCGGCCAGCCTCTGCGCGTTCTCAAGGCCCTTTGGCCACTGCCGCACCCCCCTGCAGTCCCCTCCTGAAGGCGCCC
TCCCCGGCTGGCCCCTTACACAAGGGCAAGAAGGCAGTGAACAAAGATAGCCTTGAGTACCGGCTGAGGCGGGAGCGCAA
CAACATCGCCGTGCGCAAGAGCCGAGACAAGGCCAAGAGGCGCATTCTGGAGACGCAGCAGAAGGTGCTGGAGTACATG
GCAGAGAACGAGCGCCTCCGCAGCCGCGTGGAGCAGCTCACCCAGGAGCTAGACACCCTCCGCAACCTCTTCCGCCAGAT
TCCTGAGGCGGCCAACCTCATCAAGGGCGTGGGGGGTTGCAGCTGA
```

### Transaction Sequence

```
MSHGTYEYCE PRGGQQPLEF SGGRAGPGEL GDMCEHEASI DLSAYIESGE EQLLSDLFAV KPAPEARGLK GPGTPAFPHY
LPPDPRPFAY PPHTFGPDRK ALGPGIYSSP GSYDPRAVAV KEEPRGPEGs RAASRGsYNP LQYQVAHCGQ TAMHLPPTLA
APGQPLRVLK APLATAAPPC SPLLKAPSPA GPLHKGKKAV NKDSLEYRLR RERNNIAVRK SRDKAKRRIL ETQQKVLEYM
AENERLRSRV EQLTQELDTL RNLFRQIPEA ANLIKGVGGC S
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