

CEBPE cDNA

Catalog Number: ATGD0366

PRODUCT INFORMATION

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

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

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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**

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ATGTCCCACGGGACCTACTACGAGTGTGAGCCCCGGGGTGGCCAGCAGCCACTCGAGTTCTCAGGGGGCCGAGCTGGGCC
CGGGGAGCTAGGGGACATGTGTGAGCATGAGGCCTCCATTGACCTCTCCGCCTACATCGAGTCTGGGGAAGAGCAGCTTC
TCTCCGATCTCTTTGCCGTGAAGCCAGCGCCTGAGGCCAGAGGCCTCAAGGGCCCCGGAACCCCTGCCTTCCCCACTACT
TGCCGCCTGACCCTCGGCCCTTTGCCTACCCTCCACATACCTTCGGCCCAGACAGGAAGGCGCTGGGGCCTGGCATCTACA
GCAGCCCAGGGAGCTACGACCCCAGGGCTGTGGCGGTGAAGGAGGAGCCCCGGGGGCCAGAGGGCAGCCGAGCTGCCA
GCCGAGGCAGCTACAATCCCCTGCAGTACCAAGTGGCACACTGTGGGCAGACAGCCATGCACCTGCCCCAACTCTGGCA
GCACCCGGCCAGCCTCTGCGCGTTCTCAAGGCCCTTTGGCCACTGCCGCACCCCCCTGCAGTCCCCTCCTGAAGGCGCCC
TCCCCGGCTGGCCCCTTACACAAGGGCAAGAAGGCAGTGAACAAAGATAGCCTTGAGTACCGGCTGAGGCGGGAGCGCAA
CAACATCGCCGTGCGCAAGAGCCGAGACAAGGCCAAGAGGCGCATTCTGGAGACGCAGCAGAAGGTGCTGGAGTACATG
GCAGAGAACGAGCGCCTCCGCAGCCGCGTGGAGCAGCTCACCCAGGAGCTAGACACCCTCCGCAACCTCTTCCGCCAGAT
TCCTGAGGCGGCCAACCTCATCAAGGGCGTGGGGGGTTGCAGCTGA
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Transaction Sequence

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MSHGTYEYCE PRGGQPLEF SGRAGPGEL GDMCEHEASI DLSAYIESGE EQLLSDLFAV KPAPEARGLK GPGTPAFPHY
LPPDPRPFAY PPHTFGPDRK ALGPGIYSSP GSYDPRAVAV KEEP RPGEPS RAASRGSYNP LQYQVAHCGQ TAMHLPPTLA
APGQPLRVLK APLATAAPP SPLLKAPSPA GPLHKGKKAV NKDSLEYRLR RERNNIAVRK SRDKAKRRIL ETQQKVLEYM
AENERLRSRV EQLTQELDTL RNLFRQIPEA ANLIKGVGGC S
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