

CPPED1 cDNA

Catalog Number: ATGD0458

PRODUCT INFORMATION

Catalog number

ATGD0458

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060810.2

Alternative Names

CSTP1

mRNA Refseq

NM_018340.2

OMIM

615603

Chromosome location

16p13.12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

945bp

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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CPPED1 (Calcineurin-Like Phosphoesterase Domain Containing 1) belongs to the metallophosphoesterase superfamily. This protein binds 2 divalent metal cations and is transactivated by the large envelope protein of the hepatitis B virus (HBV).

DATA

Sequence nucleotides

```
ATGTCGGCTGCAGAGGCGGGGGGTGTTTTCCACAGAGCCAGGGGCAGGACCCTGGCCGCGTTTCCCGCAGAAAAGGAAA
GCGAATGGAAGGCCCATCTACTTCATCCTGGGCGCAGACCCACAGTTTGGGCTGATCAAGGCCTGGTCCACTGGGGACT
GTGACAATGGCGGTGACGAATGGGAACAGGAGATCCGTCTAACTGAGCAAGCCGTCCAGGCCATCAACAAGCTGAACCCC
AAACCCAAATTCTTCGTTCTGTGCGGCGACCTCATCCACGCCATGCCAGGGAAGCCGTGGCGGACGGAGCAGACGGAGGA
CCTGAAGCGAGTGCTTAGGGCAGTGGACAGGGCCATCCCACTGGTCCTTGTGTCAGCGGCAACCATGACATTGGCAACACCCC
CACGGCCGAGACCGTCGAGGAGTTCTGCCGGACTTGGGGAGATGACTACTTCAGCTTCTGGGTGCGGGGGCGTCCTGTTCC
TGGTCCTCAACTCCCAGTTCTACGAGAACCCCTCCAAATGCCCCAGCCTGAAGCAGGCTCAGGACCAGTGGCTGGACGAGC
AGCTGAGCATCGCGAGGCAGCGGCACTGCCAGCATGCCATCGTCTTCCAGCACATCCCCTGTTCTGGAGAGCATCGAC
GAGGACGACGACTACTACTTCAACCTCAGCAAGTCCACTCGGAAGAAGTTGGCAGACAAGTTCATCCACGCAGGTGTCAA
GTCGTGTTCTCAGGCCACTACCACAGGAATGCCGGGGGTACCTACCAGAACCTCGACATGGTGGTGTGTCATCTGCCATTGGA
TGCCAGCTGGGCAGAGACCCCCACGGGCTCCGAGTCGTGGTGGTCACCGCCGAGAAAATTGTTACCGATACTACAGTCTA
GATGAGCTGAGTGAGAAAGGAATAGAAGACGATCTCATGGATTTGATCAAGAAAAAATGA
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Transaction Sequence

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MSAAEAGGVF HRARGRTLAA FPAEKESWK GPFFYFILGAD PQFGLIKAWS TGDCDNGGDE WEQEIRLTEQ AVQAINKLNP
KPKFFVLCGD LIHAMPKGPW RTEQTEDLKR VLRAVDRAIP LVLVSGNNDI GNTPTAETVE EFCRTWGDDY FSFWVGGVLF
LVLNSQFYEN PSKCPSLKQA QDQWLDEQLS IARQRHCQHA IVFQHIPLFL ESIDEDDDYY FNLSKSTRKK LADKFIHAGV
KVVFSGHYHR NAGGTYQNLD MVVSSAIGCQ LGRDPHGLRV VVVTAEKIVH RYYSLDELSE KGIEDDLMDL IKKK
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