

## ANP32A cDNA

Catalog Number: ATGD0028

### PRODUCT INFORMATION

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**Catalog number**

ATGD0028

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_006296.1

**Alternative Names**

C15orf1, HPPCn, I1PP2A, LANP, MAPM, PHAP1, PHAPI, PP32

**mRNA Refseq**

NM\_006305.3

**OMIM**

600832

**Chromosome location**

15q23

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

750bp

**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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ANP32A (acidic leucine-rich nuclear phosphoprotein 32 family member A) has been shown to interact with MAP1B, TAF1A and Protein SET. This protein Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis. Also, it plays a role in E4F1-mediated transcriptional repression

### DATA

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#### Sequence nucleotides

```
ATGGAGATGG GCAGACGGAT TCATTTAGAG CTGCGGAACA GGACGCCCTC TGATGTGAAA GAACTTGTCCT
TGGACAACAG TCGGTCTGAAT GAAGGCAAAC TCGAAGGCCT CACAGATGAA TTTGAAGAAC TGGAATTCTT
AAGTACAATC AACGTAGGCC TCACCTCAAT CGCAAACCTA CCAAAGTTAA ACAAACCTAA GAAGCTTGAA
CTAAGCGATA ACAGAGTCTC AGGGGGCCTG GAAGTATTGG CAGAAAAGTG TCCGAACCTC ACGCATCTAA
ATTTAAGTGG CAACAAAATT AAAGACCTCA GCACAATAGA GCCACTGAAA AAGTTAGAAA ACCTCAAGAG
CTTAGACCTT TTCAATTGCG AGGTAACCAA CCTGAACGAC TACCGAGAAA ATGTGTTCAA GCTCCTCCCG
CAACTCACAT ATCTCGACGG CTATGACCGG GACGACAAGG AGGCCCTGA CTCGGATGCT GAGGGCTACG
TGGAGGGCCT GGATGATGAG GAGGAGGATG AGGATGAGGA GGAGTATGAT GAAGATGCTC AGGTAGTGGA
AGACGAGGAG GACGAGGATG AGGAGGAGGA AGGTGAAGAG GAGGACGTGA GTGGAGAGGA GGAGGAGGAT
GAAGAAGGTT ATAACGATGG AGAGGTAGAT GACGAGGAAG ATGAAGAAGA GCTTGGTGAA GAAGAAAGGG
GTCAGAAGCG AAAACGAGAA CCTGAAGATG AGGGAGAAGA TGATGACTAA
```

#### Transaction Sequence

```
MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLLKLE LSDNRVSGGL
EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLLD FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPSDA
EGYVEGLDDE EEDEDEEYD EDAQVVEDEE DEDEEEEGEE EDVSGEEED EEGYNDGEVD DEEDEEELGE EERGQKRKRE
PEDEGEDDD
```