

## PDAP1 cDNA

Catalog Number: ATGD0055

### PRODUCT INFORMATION

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**Catalog number**

ATGD0055

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_055706.1

**Alternative Names**

HASPP28, PAP, PAP1

**mRNA Refseq**

NM\_014891.6

**OMIM**

607075

**Chromosome location**

7q22.1

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

546bp

**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**

## PDAP1 cDNA

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PDGFA associated protein 1, also known as PDAP1, enhances PDGFA-stimulated cell growth in fibroblasts, but inhibits the mitogenic effect of PDGFB. And its expression is induced by TNF-alpha, and cells overexpressing PDAP1 show significantly less apoptosis on exposure to TNF-alpha.

### DATA

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#### Sequence nucleotides

```
ATGCCTAAAG GAGGAAGAAA GGGAGGCCAC AAAGGCCGGG CGAGGCAGTA TACAAGCCCT GAGGAGATCG
ACGCGCAGCT GCAGGCTGAG AAGCAGAAGG CCAGGGAAGA AGAGGAGCAA AAAGAAGGTG GAGATGGGGC
TGCAGGTGAC CCCAAAAAGG AGAAGAAATC TCTAGACTCA GATGAGAGTG AGGATGAAGA AGATGACTAC
CAGCAAAAGC GCAAAGGCGT TGAAGGGCTC ATCGACATCG AGAACCCCAA CCGGGTGGCA CAGACAACCA
AAAAGGTCAC ACAACTGGAT CTGGACGGGC CAAAGGAGCT TTCGAGGAGA GAACGAGAAG AGATTGAGAA
GCAGAAGGCA AAAGAGCGTT ACATGAAAAT GCACTTGCC GGAAGACAG AGCAAGCCAA GGCTGACCTG
GCCCCGGCTG CCATCATCCG GAAACAGCGG GAGGAGGCTG CCCGGAAGAA GGAAGAGGAA AGGAAAGCAA
AAGACGATGC CACATTGTCA GGAAAACGAA TGCAGTCACT CTCCCTGAAT AAGTAA
```

#### Transaction Sequence

```
MPKGGRKGGH KGRARQYTSP EEIDAQLQAE KQKAREEEEQ KEGGDGAAGD PKKEKSLDS DESEDEEDDY
QQKRKGVEGL IDIENPNRVA QTTKKVTQLD LDGPKELSRR EREEIEKQKA KERYMKMHLA GKTEQAKADL ARLAIIRKQR
EEAARKKEEE RKAKDDATLS GKRMQSLSLN K
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