

PDAP1 cDNA

Catalog Number: ATGD0055

PRODUCT INFORMATION

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

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

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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

Sequence nucleotides

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

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