

ACYP1 cDNA

Catalog Number: ATGD0263

PRODUCT INFORMATION

Catalog number

ATGD0263

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001098.1

Alternative Names

ACYPE

mRNA Refseq

NM_001107.4

OMIM

600875

Chromosome location

14q24.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

300bp

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

ACYP1 cDNA

Catalog Number: ATGD0263

ACYP1 is a member of the acylphosphatase family. The encoded protein is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated and described based on their tissue localization: erythrocyte (common) type acylphosphatase encoded by this gene, and muscle type acylphosphatase. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

```
ATGGCAGAAGGAAACACCCTGATATCAGTGGATTATGAAATTTTGGGAAGGTGCAAGGGGTGTTTTTCCGTAAGCATACTC
AGGCTGAGGGTAAAAAGCTGGGATTGGTAGGCTGGGTCCAGAACACTGACCGGGGCACAGTGCAAGGACAATTGCAAGGT
CCCATCTCCAAGGTGCGTCATATGCAGGAATGGCTTGAAACAAGAGGAAGTCCTAAATCACACATCGACAAAGCAAACCTCA
ACAATGAAAAAGTCATCTTGAAGTTGGATTACTCAGACTTCCAAATTGTAAATAA
```

Transaction Sequence

```
MAEGNTLISV DYEIFGKVQG VFFRKHTQAE GKKLGLVGWV QNTDRGTVQG QLQGPISKVRHMQEWLETRG SPKSHIDKAN
FNNEKVILKL DYSDFQIVK
```