

PPIL3 cDNA

Catalog Number: ATGD0116

PRODUCT INFORMATION

Catalog number

ATGD0116

Product type

cDNA

Species

Human

NCBI Accession No.

NP_570981.1

Alternative Names

CYPJ

mRNA Refseq

NM_130906.2

OMIM

615811

Chromosome location

2q33.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

486bp

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

PPIL3 cDNA

Catalog Number: ATGD0116

PPIL3 encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

```
ATGTCTGTGA CACTGCATAC AGATGTAGGT GATATTAAAA TTGAAGTCTT CTGTGAGAGG ACACCCAAAA
CATGTGAGAA TTTCTTGGCT CTTTGTGCCA GTAATTACTA CAATGGCTGT ATATTCATA GGAATATCAA GGGTTTCATG
GTTCAAACAG GAGATCCAAC AGGAACTGGA AGAGGAGGCA ACAGTATTTG GGGCAAGAAG TTGAGGATG
AATACAGTGA ATATCTTAAG CACAATGTTA GAGGTGTTGT ATCTATGGCT AATAATGGCC CGAACACCAA
TGGATCTCAG TTCTTCATCA CCTATGGCAA ACAGCCACAT TTGGACATGA AATACACCGT ATTTGGAAAG
GTAATAGATG GTCTGGAAAC TCTAGATGAG TTGGAGAAGT TGCCAGTAAA TGAGAAGACA TACCGACCTC
TTAATGATGT ACACATTAAG GACATAACTA TTCATGCCAA CCCATTTGCT CAGTAG
```

Transaction Sequence

```
MSVTLHTDVG DIKIEVFCER TPKTCENFLA LCASNYNGC IFHRNIKGFM VQTGDPTGTG RGGNSIWGKK FEDEYSEYLK
HNVRGVVSMA NNGPNTNGSQ FFITYGKQPH LDMKYTVFGK VIDGLETLDE LEKLPVNEKT YRPLNDVHIK DITIHPFA Q
```