

PPP1R14D cDNA

Catalog Number: ATGD0360

PRODUCT INFORMATION

Catalog number

ATGD0360

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060196.1

Alternative Names

CPI17-like, GBPI-1, GBPI1

mRNA Refseq

NM_017726.7

OMIM

613256

Chromosome location

15q15.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

438bp

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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PPP1R14D (protein phosphatase 1, regulatory (inhibitor) subunit 14D), also known as GBPI-1 (gastrointestinal and brain-specific PP1-inhibitory protein 1), belongs to the PP1 inhibitor family and is one of three CPI-17 homologs in the human genome. PPP1R14D gene maps to human chromosome 15q15. 1.

DATA

Sequence nucleotides

```
ATGCTGTCTTCAAGCCCTGCTTCCTGCACATCTCCCAGCCCAGATGGGGAGAACCCATGTAAGAAGGTCCACTGGGCTTCT
GGGAGGAGAAGGACATCATCCACAGACTCAGAGTCCAAGTCCCACCCGGACTCCTCCAAGATACCCAGGTCCCGGAGACC
CAGCCGCCTGACAGTGAAGTATGACCGGGGCCAGCTCCAGCGCTGGCTGGAGATGGAGCAATGGGTGGATGCTCAAGTTC
AGGAGCTCTTCCAGGATCAAGCAACCCCTTCTGAGCCTGAGATTGACCTGGAAGCTCTCATGGATCTATCCACAGAGGAGC
AGAAGACTCAGCTGGAGGCCATTCTTGGGAAGTGGCCCCGCCCCACAGAGGCTTTTATCTCTGAGCTGCTCAGTCAACTCA
AGAAACTCCGGAGACTCAGCCGGCCTCAGAAATAA
```

Transaction Sequence

```
MLSSSPASCT SPSPDGENPC KKVHWASGRR RTSSTDSESK SHPDSSKIPR SRRPSRLTVK YDRGQLQRWL EMEQWVDAQV
QELFQDQATP SEPEIDLEAL MDLSTEEQKT QLEAILGNCP RPTEAFISEL LSQKKLRLRL SRPQK
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