

PPP3R2 cDNA

Catalog Number: ATGD0242

PRODUCT INFORMATION

Catalog number

ATGD0242

Product type

cDNA

Species

Human

NCBI Accession No.

NP_671709.1

Alternative Names

PPP3RL

mRNA Refseq

NM_147180.3

OMIM

613821

Chromosome location

9q31.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

522bp

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

PPP3R2 cDNA

Catalog Number: ATGD0242

PPP3R2 (Protein Phosphatase 3, Regulatory Subunit B, Beta) is a Protein Coding gene. Among its related pathways are MAPK signaling pathway and GPCR Pathway. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is CHP1.

DATA

Sequence nucleotides

```
ATGTCCACAATGGGAAACGAGGCCAGTTACCCGGCGGAGATGTGCTCCCACTTTGACAATGATGAAATTTAAAGGCTGGGC
AGGAGGTTTAAAGAAGTTGGACTTGGACAAATCAGGGTCTCTGAGCGTGGAGGAGTTCATGTCCCTGCCGGAGCTGCGCCA
CAACCCGTTGGTGCGGCGAGTGATCGACGTCTTCGACACCGACGGTGATGGAGAAGTGGACTTCAAGGAATTCATCCTGG
GGACCTCCCAGTTCAGCGTCAAGGGCGACGAGGAGCAGAAGTTGAGGTTTTCGTTTCAGCATTTACGACATGGATAAAGATG
GCTACATTTCCAACGGGGAGCTCTTCCAGGTGCTGAAGATGATGGTGGGCAACAACCTGACGGACTGGCAGCTCCAGCAG
CTGGTCGACAAAACCATCATCATCCTGGACAAGGATGGCGATGGGAAGATATCCTTTGAGGAATTCAGTGCTGTGGTCAGA
GACCTGGAGATCCACAAGAAGCTGGTCCTCATCGTATGA
```

Transaction Sequence

```
MSTMGNEASY PAEMCSHFDN DEIKRLGRRF KKLDLDKSGS LSVEEFMSLP ELRHNPLVRR VIDVFDTDGD GEVDFKEFIL
GTSQFSVKGD EEQKLRFASF IYDMDKDGYI SNGELFQVLK MMVGNNLTDW QLQQLVDKTI IILDKDGDGK ISFEFSAVV
RDLEIHKLV LIV
```