

PDZD11 cDNA

Catalog Number: ATGD0308

PRODUCT INFORMATION

Catalog number

ATGD0308

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057568.1

Alternative Names

AIPP1, PDZK11, PISP

mRNA Refseq

NM_016484.4

OMIM

300632

Chromosome location

Xq13.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

423bp

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

PDZD11 cDNA

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PDZD11 is a cytosolic protein which contains one PDZ (DHR) domain. It is ubiquitously expressed, and appears to target calcium and copper ATPases to basolateral cell membranes. It is a transiently interacting partner of the PMCA b-splice forms that may play a role in their sorting to or from the plasma membrane.

DATA

Sequence nucleotides

```
ATGGACAGCCGGATTCCATTATGATGACTACCCGGTGGTTTTCTTGCCTGCCTATGAGAATCCTCCAGCATGGATTCCCTCCTC
ATGAGAGGGTACACCACCCGGACTACAACAATGAGTTGACCCAGTTTCTGCCCGAACCATCACACTGAAGAAGCCTCCTG
GAGCTCAGTTGGGATTTAACATCCGAGGAGGAAAGGCCTCCCAGCTAGGCATCTTCATCTCCAAGGTGATTCCCTGACTCTGA
TGCACATAGAGCAGGACTGCAGGAAGGGGACCAAGTTCTAGCTGTGAATGATGTGGATTTCCAAGATATTGAGCACAGCAA
GGCTGTTGAGATCCTGAAGACAGCTCGTGAAATCAGCATGCGTGTGCGCTTCTTCCCTACAATTATCATCGCCAAAAAGAG
AGGACTGTGCACTAG
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Transaction Sequence

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MDSRIPYDDY PVVFLPAYEN PPAWIPHER VHHPDYNNEL TQFLPRITL KKPPGAQLGFNIRGGKASQL GIFISKVIPD
SDAHRAGLQE GDQVLAVNDV DFQDIEHKA VEILKTAREISMRVRFPPYN YHRQKERTVH
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