

PFDN6 cDNA

Catalog Number: ATGD0245

PRODUCT INFORMATION

Catalog number

ATGD0245

Product type

cDNA

Species

Human

NCBI Accession No.

NP_055075.1

Alternative Names

H2-KE2, HKE2, KE-2, PFD6

mRNA Refseq

NM_014260.3

OMIM

605660

Chromosome location

6p21.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

390bp

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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PFDN6 is a subunit of the heteromeric prefoldin complex that chaperones nascent actin and alpha- and beta-tubulin chains pending their transfer to the cytosolic chaperonin containing TCP1 (CCT) complex.

DATA

Sequence nucleotides

```
ATGGCGGAGCTGATCCAGAAGAAGCTACAGGGAGAAGTGGAGAAATATCAACAGCTACAGAAGGACTTAAGTAAATCCATG
TCGGGGAGGCAGAACTTGAAGCACAATAACAGAAAATAATATCGTGAAAGAGGAACTGGCCCTGCTGGATGGGTCCAAC
GTGGTCTTTAACTTCTGGGTCCGGTGCTAGTCAAACAGGAGCTGGGGGAGGCTCGGGCCACAGTAGGGAAGAGGCTGGA
CTATATCACAGCTGAAATTAAGCGATACGAATCCCAGCTTCGGGATCTTGAGCGGCAGTCAGAGCAACAGAGGGAGACCCT
TGCTCAGCTGCAGCAGGAGTTCCAGCGGGCCCAGGCAGCAAAGGCAGGGGCTCCTGGCAAGGCCTGA
```

Transaction Sequence

```
MAELIQKKLQ GEVEKYQQLQ KDLSKSMSGR QKLEAQLTEN NIVKEELALL DGSNVVFKLL GPVLVKQELG EARATVGKRL
DYITAEIKRY ESQRLDLERQ SEQQRETLAQ LQQEFQRAQA AKAGAPGKA
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