

PFDN4 cDNA

Catalog Number: ATGD0244

PRODUCT INFORMATION

Catalog number

ATGD0244

Product type

cDNA

Species

Human

NCBI Accession No.

NP_002614.2

Alternative Names

C1, PFD4

mRNA Refseq

NM_002623.3

OMIM

604898

Chromosome location

20q13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

405bp

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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PFDN4 encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils.

DATA

Sequence nucleotides

```
ATGGCGGCCACCATGAAGAAGGCGGCTGCAGAAGATGTCAATGTTACTTTTGAAGATCAACAAAAGATAAACAAATTTGCA
CGGAATACAAGTAGAATCACAGAGCTGAAGGAAGAAATAGAAGTAAAAAAGAAACAACCTCCAAAACCTAGAAGATGCTTGT
GATGACATCATGCTTGCAGATGATGATTGCTTAATGATACCTTATCAAATTGGTGATGTCTTCATTAGCCATTCTCAAGAAGA
AACGCAAGAAATGTTAGAAGAAGCAAAGAAAAAATTTGCAAGAAGAAATTGACGCCTTAGAATCCAGAGTGGAATCAATTCAG
CGAGTGTTAGCAGATTTGAAAGTTCAGTTGTATGCAAATTCGGGAGCAACATAAACCTTGAAGCTGATGAAAGTTAA
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Transaction Sequence

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MAATMKKAAA EDVNVTFEDQ QKINKFARNT SRITELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQ IGDVFISHSQ
EETQEMLEEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES
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