

DNAJC24 cDNA

Catalog Number: ATGD0468

PRODUCT INFORMATION

Catalog number

ATGD0468

Product type

cDNA

Species

Human

NCBI Accession No.

NP_859057.4

Alternative Names

DPH4, JJJ3, ZCSL3

mRNA Refseq

NM_181706.4

OMIM

611072

Chromosome location

11p13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

450bp

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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DnaJ homolog subfamily C member 24, also known as DNAJC24, is a member of the ZCSL family of proteins and each contain one DPH-type zinc finger. This enzyme is involved in the synthesis of diphthamide, a protein found on translation elongation factor EF-2 that is the target of bacterial ADP-ribosylating toxins. DNAJC24 stimulates the ATPase activity of several Hsp70-type chaperones. It is detected in heart, brain, spleen, lung, liver, kidney and testis.

DATA

Sequence nucleotides

```
ATGATGGCGGTTGAGCAGATGCCAAAAAAGGATTGGTACAGCATCCTGGGAGCAGACCCATCTGCAAATATATCAGACCTA
AAACAAAAATATCAAAAACTCATATTAATGTATCATCCAGATAAACAAAGTACAGATGTACCAGCAGGAACAGTGGAGGAAT
GTGTACAGAAGTTCATCGAAATTGATCAAGCATGGAAAATTCTAGGAAATGAAGAGACAAAAAGAGAGTATGACCTGCAGC
GGTGTGAAGATGATCTAAGAAATGTAGGACCAGTAGATGCTCAAGTATATCTTGAAGAAATGTCTTGGAATGAAGGTGATCA
CTCTTTTTATCTGAGTTGCAGATGTGGTGGAAAATACAGTGTTTCCAAGGATGAAGCGGAAGAAGTTAGCCTGATTTCTTGT
GATACATGTTCACTAATTATAGAACTCCTTCATTATAACTAA
```

Transaction Sequence

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MMAVEQMPKK DWYSILGADP SANISDLKQK YQKLILMYHP DKQSTDVPAG TVEECVQKFIEIDQAWKILG NEETKREYDL
QRCEDDLRNV GPVDAQVYLE EMSWNEGDHS FYLSCRCGGKYSVSKDEAEE VSLISCDTCS LIIELLHYN
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