

DNPH1 cDNA

Catalog Number: ATGD0125

PRODUCT INFORMATION

Catalog number

ATGD0125

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006434.1

Alternative Names

C6orf108, dj330M21.3, RCL

mRNA Refseq

NM_006443.2

OMIM

Chromosome location

6p21.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

525bp

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 inserted Nde 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

DNPH1 was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that

DNP1 cDNA

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participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described.

DATA

Sequence nucleotides

```
ATGGCTGCTGCCATGGTGCCGGGGCGCAGCGAGAGCTGGGAGCGCGGGGAGCCTGGCCGCCCAGCCCTGTACTTCTGCG
GGAGCATTCGCGGCGGACGCGAGGACAGGACGCTGTACGAGCGGATCGTGTCTCGGCTGCGGCGATTCTGGGACAGTGCT
CACCGAGCACGTGGCGGCCCGCCGAGCTGGGCGCGCGCGGGGAAGAGGCTGCTGGGGGTGACAGGCTCATCCATGAGCA
GGACCTGGAGTGGCTGCAGCAGGCGGACGTGGTCTGTGGCAGAAGTGACACAGCCATCCTTGGGTGTAGGCTATGAGCTG
GGCCGGGGCCGTGGCCTTTAACAAGCGGATCCTGTGCCTGTTCCGCCCCGAGTCTGGCCGCGTGCCTTCGGCCATGATCCG
GGGAGCAGCAGATGGCTCTCGGTTCCAGGTGTGGGACTATGAGGAGGGAGAGGTGGAGGCCCTGCTGGATCGATACTTC
GAGGCTGATCCTCCAGGGCAGGTGGCTGCCTCCCCTGACCCAACCACTTGA
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Transaction Sequence

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MAAAMVPGRS ESWERGEPR PALYFCGSIR GGREDRTLYE RIVSRLRRFG TVLTEHVAAA ELGARGEAAA GGDRLIHEQD
LEWLQQADV VAEVTQPSLG VGYELGRAVA FNKRILCLFR PQSGRVLSAM IRGAADGSRF QVWDYEEGEV EALLDRYFEA
DPPGQVAASP DPTT
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