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### **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 inseted 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



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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

#### **Transaction Sequence**

MAAAMVPGRS ESWERGEPGR PALYFCGSIR GGREDRTLYE RIVSRLRRFG TVLTEHVAAA ELGARGEEAA GGDRLIHEQD LEWLQQADVV VAEVTQPSLG VGYELGRAVA FNKRILCLFR PQSGRVLSAM IRGAADGSRF QVWDYEEGEV EALLDRYFEA DPPGQVAASP DPTT

