

## **NDUFB10 cDNA**

Catalog Number: ATGD0160

### **PRODUCT INFORMATION**

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**Catalog number**

ATGD0160

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_004539.1

**Alternative Names**

PDSW

**mRNA Refseq**

NM\_004548.2

**OMIM**

603843

**Chromosome location**

16p13.3

### **PRODUCT SPECIFICATION**

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

519bp

**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**

**NDUFB10 cDNA**

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NDUFB10 (NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 10, 22kDa) is a Protein Coding gene. Among its related pathways are Metabolism and Metabolism.

**DATA**

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**Sequence nucleotides**

```
ATGCCGGACAGCTGGGACAAGGATGTGTACCCTGAGCCCCGCGCCGCACGCCGGTGCAGCCCAATCCCATCGTCTACAT
GATGAAAGCGTTTCGACCTCATCGTGGACCGACCCGTGACCCCTCGTGAGAGAATTTATAGAGCGGCAGCACGCAAAGAACAG
GTATTACTACTACCACCGGCAGTACCGCCGCGTGCCAGACATCACTGAGTGCAAGGAGGAGGACATCATGTGCATGTATGA
AGCCGAAATGCAGTGGAAAGAGGGACTACAAAGTCGACCAAGAAATTATCAACATTATGCAGGATCGGCTCAAAGCCTGTCA
GCAGAGGGAAGGACAGAACTACCAGCAGAACTGTATCAAGGAAGTGGAGCAGTTCACCCAGGTGGCCAAGGCCTACCAGG
ACCGCTATCAGGACCTGGGGGCCTACAGTTCTGCCAGGAAGTGCCTGGCCAAACAGAGGCAGAGGATGCTGCAAGAGAGA
AAAGCTGCAAAAAGAGGCCCGCCGCTGCCACCTCCTGA
```

**Transaction Sequence**

```
MPDSWDKDVY PEPPRRTPVQ PNPIVYMMKA FDLIVDRPVT LVREFIERQH AKNRYYYYHR QYRRVPDITE CKEEDIMCMY
EAEMQWKRDY KVDQEIINIM QDRLLKACQQR EGQNYQQNCI KEVEQFTQVA KAYQDRYQDL GAYSSARKCL AKQRQRLQE
RKAAKEAAAA TS
```