

# ATP5H cDNA

Catalog Number: ATGD0426

## PRODUCT INFORMATION

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**Catalog number**

ATGD0426

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_006347.1

**Alternative Names**

ATPQ

**mRNA Refseq**

NM\_006356.2

**OMIM**

**Chromosome location**

17q25

## PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

486bp

**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**

ATP5H belongs to the ATPase d subunit family. ATP5H exists as two alternatively spliced isoforms and is encoded

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by a gene that maps to human chromosome 17q25. 1

### DATA

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#### Sequence nucleotides

```
ATGGCTGGGCGAAAACCTGCTCTAAAAACCATTGACTGGGTAGCTTTTGCAGAGATCATACCCAGAACCAAAAAGGCCATTG
CTAGTTCCTGAAATCCTGGAATGAGACCCTCACCTCCAGGTTGGCTGCTTTACCTGAGAATCCACCAGCTATCGACTGGGC
TTACTACAAGGCCAATGTGGCCAAGGCTGGCTTGGTGGATGACTTTGAGAAGAAGTTAATGCGCTGAAGGTTCCCGTGCC
AGAGGATAAATATACTGCCCAGGTGGATGCCGAAGAAAAAGAAGATGTGAAATCTTGTGCTGAGTGGGTGTCTCTCTCAA
GGCCAGGATTGTAGAATATGAGAAAAGAGATGGAGAAGATGAAGAACTTAATTCCATTTGATCAGATGACCATTGAGGACTTG
AATGAAGCTTTCCAGAAACCAAATTAGACAAGAAAAAGTATCCCTATTGGCCTCACCAACCAATTGAGAATTTATAA
```

#### Transaction Sequence

```
MAGRKLALKT IDWVAF AEII PQNQKAIASS LKSWNETLTS RLAALPENPP AIDWAYYKAN VAKAGLVDDF EKKFNALKVP
VPEDKYTAQV DAE EKEDVKS CAE WVSLSKA RIVEYEKEME KMKNLIPFDQ MTIEDLNEAF PETKLDKKKY PYWPHQPIEN L
```