

# ABHD14B cDNA

Catalog Number: ATGD0243

## PRODUCT INFORMATION

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**Catalog number**

ATGD0243

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_116139.1

**Alternative Names**

CIB, HEL-S-299

**mRNA Refseq**

NM\_032750.2

**OMIM**

**Chromosome location**

3p21.2

## PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

633bp

**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**

ABHD14B (Abhydrolase Domain Containing 14B) is a Protein Coding gene. GO annotations related to this gene

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include hydrolase activity. An important paralog of this gene is ABHD14A.

### DATA

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#### Sequence nucleotides

```
ATGGCAGCAAGCGTGGAGCAGCGCGAGGGCACCATCCAGGTGCAGGGCCAGGCCCTTCTTCCGAGAGGCCCTGCCCCG
GCAGTGGGCAGGCTCGCTTCTCTGTAAGTGTGCTGCTGCATGGTATTTCGCTTCTCCTCCGAGACCTGGCAGAACCTGGGTACAC
TGCACAGGCTGGCCAGGCTGGCTACCGGGCTGTGGCCATTGACCTGCCAGGTCTGGGGCACTCCAAGGAAGCAGCAGCC
CCTGCCCCTATTGGGGAGCTGGCCCCCTGGCAGCTTCTGGCGGCTGTGGTGGATGCCTTGGAGCTGGGCCCCCGGTTGT
GATCAGTCCATCACTGAGTGGCATGTACTCCCTGCCCTTCTCACGGCCCCTGGCTCCCAGCTCCCGGGCTTTGTGCCAGT
GGCCCCCATCTGCACTGACAAAATCAATGCTGCCAACTATGCCAGTGTGAAGACTCCAGCTCTGATTGTATATGGAGACCAG
GACCCCATGGGTGAGACCAGCTTTGAGCACCTGAAGCAGCTGCCAACCACCGGGTGTGATCATGAAGGGGGCGGGGCA
CCCCTGTTACCTGGACAAACCAGAGGAGTGGCATAACAGGGTGTGCTGGACTTCTGCAGGGGCTCCAGTGA
```

#### Transaction Sequence

```
MAASVEQREG TIQVQGQALF FREALPGSGQ ARFSVLLLHG IRFSSETWQN LGTLHRLAQA GYRAVAIDLPLGLGHSKEAAA
PAPIGELAPG SFLAAVVDAL ELGPPVVISP SLSGMYSLPF LTAPGSQLPG FVPVAPICTD KINAANYASV KTPALIVYGD
QDPMGQTSFE HLKQLPNHRV LIMKGAGHPC YLDKPEEWHT GLLDFLQGLQ
```