

## PHF13 cDNA

Catalog Number: ATGD0485

### PRODUCT INFORMATION

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**Catalog number**

ATGD0485

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_722519.2

**Alternative Names**

PHF5, SPOC1

**mRNA Refseq**

NM\_153812.2

**OMIM**

**Chromosome location**

1p36.31

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

903bp

**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 Hind III. 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**

PHD finger protein 13, also known as PHF13, is required for normal chromosome condensation during the early

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stages of mitosis and for normal chromosome separation during mitosis.

### DATA

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#### Sequence nucleotides

```
ATGGACTCTGACTCTTGCGCCGCCCTTCCACCCGGAGGAATACTCCCCAGTTGCAAGAGGCGCAGGACCGTGGAAGA
CTTCAACAAATTCTGCACCTTTGTCTTGGCCTATGCTGGCTACATCCCTTATCCGAAGGAGGAACTCCCTTTAAGGAGCAGC
CCCAGCCCTGCTAACAGCACTGCTGGTACCATTGACAGCGACGGCTGGGACGCGGGTTTCTCAGACATCGCGTCTCCTCAGTG
CCCTTGCCAGTCTCTGACCGCTGCTTTAGCCACCTGCAGCCTACTCTCTTGCAGCGAGCCAAGCCCAGTAACTTCCTGCTGG
ACAGAAAGAAAACGGACAAGCTGAAGAAGAAGAAGAAGAGGAAGCGCAGGGACAGTGATGCGCCTGGGAAAGAGGGGTA
CAGGGGGGGCTTGCTGAAGCTGGAAGCCGCTGACCCCTACGTGGAGACCCCCACGAGTCCCACCTTGCAGGATATCCCC
AGGCTCCCAGCGACCCCTGCTCGGGCTGGGACTCCGATACTCCCTCGAGTGGATCTTGTGCCACTGTGTACCTGATCAGG
TCAAAGAAATAAAAACTGAAGGCAAACGGACTATCGTCCGGCAGGGAAAGCAGGTGGTGTCCGAGATGAGGACAGCACT
GGCAATGATGAGGACATCATGGTGGACTCAGATGACGATTCTGGGACCTCGTGACCTGCTTCTGCATGAAGCCATTTGCC
GGCCGCCCCATGATCGAGTGTAATGAGTGCCACACCTGGATTACCTGTCCTGTGCGAAAATCCGGAAATCCAATGTTCCA
GAAGTGTGTCTGCCAAAAGTGCCGGGACTCCAAGTTTGACATCCGCCGTTCCAACCGCTCGCGGACGGGCTCCCGGAAG
CTGTTCTGGACTGA
```

#### Transaction Sequence

```
MDSDSCAAAF HPEEYSPCK RRRTVEDFNK FCTFVLAYAG YIPYPKEELP LRSSSPANSTAGTIDSDGW DAGFSDIASS
VPLPVSDFCF SHLQPTLLQR AKPSNFLLDR KKTDLKKKKKRKRSDAP GKEGYRGLL KLEADPYVE TPTSPTLQDI
PQAPSDPCSG WSDTDPSSGSCATVSPDQVK EIKTEGKRTI VRQGKQVFR DEDSTGNDED IMVSDDDSW
DLVTCFCMKPFAGRPMIECN ECHTWIHLSC AKIRKSNVPE VFVCQKCRDS KFDIRSNRS RTGSRKFLFD
```