

PHF13 cDNA

Catalog Number: ATGD0485

PRODUCT INFORMATION

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

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

PHF13 cDNA

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stages of mitosis and for normal chromosome separation during mitosis.

DATA

Sequence nucleotides

ATGGACTCTGACTCTTGCGCCGCCGCTTCCACCCGGAGGAATACTCCCCAGTTGCAAGAGGCGCAGGACCGTGGAAGA
CTTCAACAAATTCTGCACCTTTGTCTTGGCCTATGCTGGCTACATCCCTTATCCGAAGGAGGAACTCCCTTTAAGGAGCAGC
CCCAGCCCTGCTAACAGCACTGCTGGTACCATTGACAGCGACGGCTGGGACGCGGGTTTCTCAGACATCGCGTCCTCAGTG
CCCTTGCCAGTCTCTGACCGCTGCTTTAGCCACCTGCAGCCTACTCTCTTGCAGCGAGCCAAGCCCAGTAACTTCCTGCTGG
ACAGAAAGAAAACGGACAAGCTGAAGAAGAAGAAGAAGAGGAAGCGCAGGGACAGTGATGCGCCTGGGAAAGAGGGGTA
CAGGGGGGGCTTGCTGAAGCTGGAAGCCGCTGACCCCTACGTGGAGACCCCCACGAGTCCCACCTTGCAGGATATCCCC
AGGCTCCCAGCGACCCCTGCTCGGGCTGGGACTCCGATACTCCCTCGAGTGGATCTTGTGCCACTGTGTACCTGATCAGG
TCAAAGAAATAAAAACTGAAGGCAAACGGACTATCGTCCGGCAGGGAAAGCAGGTGGTGTCCGAGATGAGGACAGCACT
GGCAATGATGAGGACATCATGGTGGACTCAGATGACGATTCTGGGACCTCGTGACCTGCTTCTGCATGAAGCCATTTGCC
GGCCGCCCCATGATCGAGTGTAATGAGTGCCACACCTGGATTACCTGTCCTGTGCGAAAATCCGGAAATCCAATGTTCCA
GAAGTGTGTCTGCCAAAAGTGCCGGGACTCCAAGTTTGACATCCGCCGTTCCAACCGCTCGCGGACGGGCTCCCGGAAG
CTGTTCTGGACTGA

Transaction Sequence

MDSDSCAAAF HPEEYSPCK RRRTVEDFNK FCTFVLAYAG YIPYPKEELP LRSSPSANSTAGTIDSDGW DAGFSDIASS
VPLPVSDRCF SHLQPTLLQR AKPSNFLDR KKTDLKKKKKRKRSDAP GKEGYRGGLL KLEAADPYVE TPTSPTLQDI
PQAPSDPCSG WSDTPSSGSCATVSPDQVK EIKTEGKRTI VRQKQVFR DEDSTGNDED IMVSDDDSW
DLVTCFCMKPFAGRPMIECN ECHTWIHLSC AKIRKSNVPE VFVCQKCRDS KFDIRSNRS RTGSRKFLFD