

SUPT4H1 cDNA

Catalog Number: ATGD0094

PRODUCT INFORMATION

Catalog number

ATGD0094

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003159.1

Alternative Names

SPT4, SPT4H, SUPT4H

mRNA Refseq

NM_003168.2

OMIM

603555

Chromosome location

17q22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

354bp

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

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SUPT4H1 encodes the small subunit of DRB (5, 6-dichloro-1-beta-d-ribofuranosylbenzimidazole) sensitivity-inducing factor (DSIF) complex, which regulates mRNA processing and transcription elongation by RNA polymerase II. The encoded protein is localized to the nucleus and interacts with the large subunit (SUPT5H) to form the DSIF complex. Related pseudogenes have been identified on chromosomes 2 and 12. Alternatively spliced transcript variants have been found for this gene.

DATA

Sequence nucleotides

ATGGCCCTGG AGACGGTGCC GAAGGACCTG CGGCATCTGC GGGCCTGTTT GCTGTGTTCG CTGGTCAAGA
CTATAGACCA GTTTGAATAT GATGGTTGTG ACAATTGTGA TGCATATCTA CAAATGAAGG GTAACCGAGA
GATGGTATAT GACTGCACTA GCTCTTCCTT TGATGGAATC ATTGCGATGA TGAGTCCAGA GGACAGCTGG
GTCTCCAAGT GGCAGCGAGT CAGTAACTTT AAGCCAGGTG TATATGCGGT GTCAGTCACT GGTCGCCTGC
CCCAAGGAAT CGTGCGGGAG CTGAAAAGTC GAGGAGTGGC CTACAAATCC AGAGACACAG CTATAAAGAC CTAG

Transaction Sequence

MALETVPKDL RHLRACLLCS LVKTIDQFEY DGCDNCDAYL QMKGNREMVY DCTSSSFDGI IAMMSPEDSW VSKWQRVSNF
KPGVYAVSVT GRLPQGIVRE LKSRGVAYKS RDTAIKT