

## NHP2L1 cDNA

Catalog Number: ATGD0171

### PRODUCT INFORMATION

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**Catalog number**

ATGD0171

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_004999.1

**Alternative Names**

15.5K, FA-1, FA1, NHPX, OTK27, SNRNP15-5, SNU13, SPAG12, SSFA1

**mRNA Refseq**

NM\_005008.3

**OMIM**

601304

**Chromosome location**

22q13

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

387bp

**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**

# NHP2L1 cDNA

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Originally named because of its sequence similarity to the *Saccharomyces cerevisiae* NHP2 (non-histone protein 2), NHP2L1 appears to be a highly conserved nuclear protein that is a component of the [U4/U6. U5] tri-snRNP. It binds to the 5' stem-loop of U4 snRNA. Two transcript variants encoding the same protein have been found for this gene.

## DATA

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### Sequence nucleotides

```
ATGACTGAGGCTGATGTGAATCCAAAGGCCTATCCCCTTGCCGATGCCACCTCACCAAGAAGCTACTGGACCTCGTTCAG
CAGTCATGTA ACTATAAGCAGCTTCGGAAAGGAGCCAATGAGGCCACCAAAACCCTCAACAGGGGCATCTCTGAGTTCATC
GTGATGGCTGCAGACGCCGAGCCACTGGAGATCATTCTGCACCTGCCGCTGCTGTGTGAAGACAAGAATGTGCCCTACGTG
TTTGTGCGCTCCAAGCAGGCCCTGGGGAGAGCCTGTGGGGTCTCCAGGCCTGTCATCGCCTGTTCTGTCACCATCAAAGAA
GGCTCGCAGCTGAAACAGCAGATCCAATCCATT CAGCAGTCCATTGAAAGGCTCTTAGTCTAA
```

### Transaction Sequence

```
MTEADVNPKA YPLADAHLTK KLLDLVQQSC NYKQLRKGAN EATKTLNRGI SEFIVMAADA EPLEIILHLP LLCEDKNVPY
VFVRSKQALG RACGVSRPVI ACSVTIKEGS QLKQQIQSIQ QSIERLLV
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