

NHP2L1 cDNA

Catalog Number: ATGD0171

PRODUCT INFORMATION

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

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

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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

Sequence nucleotides

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ATGACTGAGGCTGATGTGAATCCAAAGGCCTATCCCCTTGCCGATGCCACCTCACCAAGAAGCTACTGGACCTCGTTCAG
CAGTCATGTAACTATAAGCAGCTTCGGAAAGGAGCCAATGAGGCCACCAAAACCCTCAACAGGGGCATCTCTGAGTTCATC
GTGATGGCTGCAGACGCCGAGCCACTGGAGATCATTCTGCACCTGCCGCTGCTGTGTGAAGACAAGAATGTGCCCTACGTG
TTTGTGCGCTCCAAGCAGGCCCTGGGGAGAGCCTGTGGGGTCTCCAGGCCTGTCATCGCCTGTTCTGTCACCATCAAAGAA
GGCTCGCAGCTGAAACAGCAGATCCAATCCATTGAAAGGCTCTTAGTCTAA
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Transaction Sequence

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