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

ATGACTGAGGCTGATGTGAATCCAAAGGCCTATCCCCTTGCCGATGCCCACCTCACCAAGAAGCTACTGGACCTCGTTCAG
CAGTCATGTAACTATAAGCAGCTTCGGAAAGGAGCCAATGAGGCCACCAAAACCCTCAACAGGGGCATCTCTGAGTTCATC
GTGATGGCTGCAGACGCCGAGCCACTGGAGATCATTCTGCACCTGCCGCTGCTGTGTGAAGACAAGAATGTGCCCTACGTG
TTTGTGCGCTCCAAGCAGGCCCTGGGGAGAGCCTGTGGGGTCTCCAGGCCTGTCATCGCCTGTTCTGTCACCATCAAAGAA
GGCTCGCAGCTGAAACAGCAGATCCAATCCATTCAGCAGTCCATTGAAAGGCTCTTAGTCTAA

Transaction Sequence

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