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# Recombinant human NHP2L1 protein

Catalog Number: ATGP0812

# **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-128aa

#### UniProt No.

P55769

#### **NCBI Accession No.**

NP 004999

### **Alternative Names**

NHP2(non-histone chromosome protein 2)-like 1, FA1, NHPX, OTK27, SNRNP15-5, SNu13, SPAG12, SSFA1

# PRODUCT SPECIFICATION

## **Molecular Weight**

16.7 kDa (152aa) confirmed by MALDI-TOF

#### Concentration

0.25mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 100mM NaCl, 10% glycerol

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

# **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

NHP2L1 belongings to the ribosomal protein L7Ae family. This protein localizes to the nucleus, mainly concentrated in the dense fibrillar component of the nucleolus. It directly binds to the 5' stem-loop of u4 snRNA and plays an important role in the late stage of spliceosome assembly, prior to step I of splicing catalysis. Recombinant human NHP2L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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# **Amino acid Sequence**

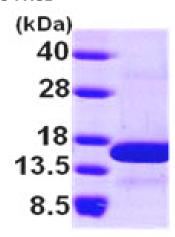
MGSSHHHHHH SSGLVPRGSH MGSHMTEADV NPKAYPLADA HLTKKLLDLV QQSCNYKQLR KGANEATKTL NRGISEFIVM AADAEPLEII LHLPLLCEDK NVPYVFVRSK QALGRACGVS RPVIACSVTI KEGSQLKQQI QSIQQSIERL LV

## **General References**

Luhrmann R., et al. (2006) Mol Cell Biol. 26(13):5146-54. Jovin TM., et al (2005) RNA. 11(2):197-209.

# **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)