

AR09752PU-N

Human NHP2L1 (1-128, His-tag) - Purified

Alternate names:

NHP2-like protein 1

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

NHP2L1 belongs 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.

Uniprot ID:

[P55769](#)

NCBI:

[NP_001003796](#)

GeneID:

[4809](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20 mM Tris-HCl Buffer (pH 7.5) containing 100 mM NaCl, 10% Glycerol

Description:

Recombinant human NHP2L1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

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

Molecular weight: 16.7 kDa (152aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

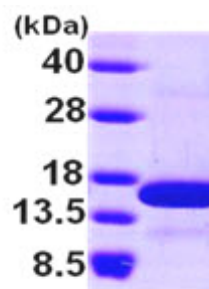
Shelf life: one year from despatch.

General Readings:

Lührmann R., et al. (2006) Mol Cell Biol. 26(13):5146-54.

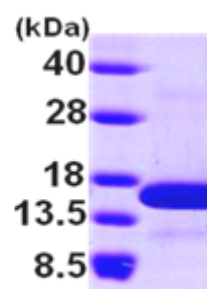
Jovin TM., et al (2005) RNA. 11(2):197-209.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human NHP2L1, 1-128aa,
His-tagged



15% SDS-PAGE (3ug)