

Recombinant Human NHP2L1, His-tagged

Cat. No. NHP2L1-3361H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NHP2L1 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 16.7 kDa(152aa).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 100 mM NaCl, 10% Glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSHMTEADV NPKAYPLADA HLTKLLDLV QQS CNYKQLR KGANEATKTL NRGISEFIVM ADAEPLIILHLPLLCEDK NVPYVFRSK QALGRACGVS RPVIACSVTI KEGSQLKQQI QSIQQSIERL LV.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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Pathways Spliceosome; Gene Expression; mRNA Processing

GENE INFORMATION

Gene Name [NHP2L1 NHP2 non-histone chromosome protein 2-like 1 \(S. cerevisiae\) \[Homo sapiens \]](#)

Synonyms NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae); FA1; FA-1; NHPX; 15.5K; OTK27; SNU13; SSFA1; SPAG12; SNRNP15-5; NHP2L1; NHP2-like protein 1; OTTHUMP00000199329; sperm specific antigen 1; U4/U6.U5 tri-snRNP 15.5 kDa protein; non-histone chromosome protein 2-like 1; [U4/U6.U5] tri-snRNP 15.5 kD RNA binding protein; small nuclear ribonucleoprotein 15.5kDa (U4/U6.U5);high mobility group-like nuclear protein 2 homolog 1; High mobility group-like nuclear protein 2 homolog 1; hSNU13; SNU13 homolog; non-histone chromosome protein 2 (S. cerevisiae)-like 1

Gene ID [4809](#)

mRNA Refseq [NM_001003796](#)

Protein Refseq [NP_001003796](#)

MIM [601304](#)

UniProt ID [P55769](#)

Chromosome Location 22q13

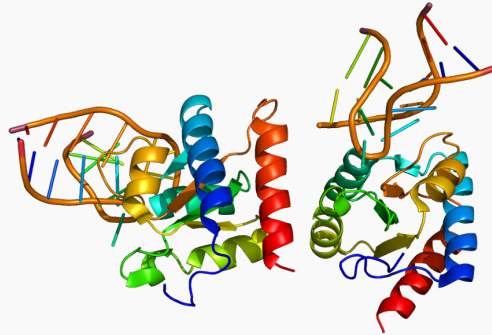
Function RNA binding; protein binding; contributes_to snoRNA binding

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