

NHP2L1, 1-128aa, Human, His tag, E.coli

Cat.NO.: TP03157

3th Edition

Synonyms:NHP2(non-histone chromosome protein 2)-like 1, FA1, NHPX, OTK27, SNRNP15-5, SNU13, SPAG12, SSFA1

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

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 100 mM NaCl, 10% Glycerol

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMTEADVNPKEYPLADAHLLTKLLDLVQQSCNYKQLRKGANEATKTLNRGI
SEFIVMAADAEPLEIILHLLPLLCEDKNVPYVFVRSKQALGRACGVS RPVIACSVTIKEGSQLKQQIQSIQQSIERLLV

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.