Recombinant human NHP2 protein

Catalog Number: ATGP0865

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-153aa

UniProt No.
Q9NX24

NCBI Accession No.
NP_060308

Alternative Names
H/ACA ribonucleoprotein complex subunit 2 isoform a, NHP2P, NOLA2

PRODUCT SPECIFICATION

Molecular Weight
19.3 kDa (173aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Purity
> 90% 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
NHP2, also called NOLA2, forms a small ribonucleoprotein particle with GAR1 (NOLA1), Nop10 for the isomerization of uridine to pseudouridine. This protein is involved in various aspects of rRNA processing and modification. It localizes to the dense fibrillar component of the nucleolus and in nuclear Cajal bodies. Recombinant human NHP2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Recombinant human NHP2 protein

Catalog Number: ATGP0865

Amino acid Sequence

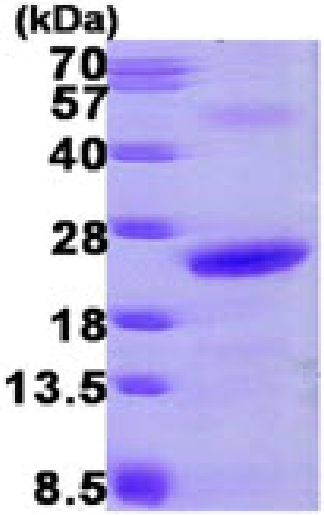
MGSSHHHHHH SSGLVPRGSH MTKIKADPDG PEAQAEACSG ERTYQELLVN QNPIAQPLAS RRLTRKLYKC IKKAVKQKQI RRGVKEVQKF VNKGEKGIMV LAGDTLPIEV YCHLPVMCED RNLPYVYIPS KTDLGAAAGS KRPTCVIMVK PHEEYQEAYD ECLEEVQSLP LPL

General References

Henras A., et al. (1998), EMBO J., 17(23):7078-90.
Pogacic V., et al. (2000). Mol. Cell. Biol.: 20:9028-9040

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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