

Product information



NHP2, 1-153aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0865

Full name: H/ACA ribonucleoprotein complex subunit 2 isoform a

NCBI Accession No.: NP_060308

Synonyms: NHP2P, NOLA2

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.

<p>Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol</p> <p>0.1M NaCl, 1mM DTT</p> <p>Molecular Weight: 19.3 kDa (173aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHH</u> <u>SSGLVPRGSH</u> MTKIKADPDG PEAQAEACSG ERTYQELLVN QNPIAQPLAS RRLTRKLYKC IKKAVKQKQI RRGVKEVQKF VNKGEKGIMV LAGDTLP¹EV YCHLPVMCED RNLPPVYIPS KTDLGAAAGS KRPTCVIMVK PHEEYQEAYD ECLLEEVQSLP LPL</p>	

General references:

Henras A., *et al.* (1998), *EMBO J.*, 17(23):7078-90.

Pogacic V., *et al.* (2000). *Mol. Cell. Biol.*: 20:9028-9040

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Avoid repeated freezing and thawing cycles.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.