

Recombinant Human NHP2 Ribonucleoprotein Homolog (Yeast), His-tagged

Cat. No. NHP2-3399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NHP2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 19.3 kDa (173aa).
Species	Human
Source	E.coli
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT.
Purity	> 90% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHH SSGLVPRGSH MTKIKADPDG PEAQAEACSG ERTYQELLVN QNPIAQPLAS RRLTRKLYKC IKKAVKQKQI RRGVKEVQKF VNKGEKGIMV LAGDTLPIEV YCHLPVMCED RNLPLYVYIPS KTDLGAAAGS KRPTCVIMVK PHEEYQEAYD ECLEEVQSLP LPL.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	NHP2 NHP2 ribonucleoprotein homolog (yeast) [Homo sapiens]
Synonyms	NHP2 ribonucleoprotein homolog (yeast); NHP2P; NOLA2; NHP2; H/ACA ribonucleoprotein complex subunit 2; NHP2-like protein; OTTHUMP00000223998; OTTHUMP00000223999; snoRNP protein NHP2; nucleolar protein family A member 2; nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs);Nucleolar protein family A member 2; FLJ20479
Gene ID	55651
mRNA Refseq	NM_001034833
Protein Refseq	NP_001030005
MIM	606470
UniProt ID	Q9NX24
Chromosome Location	5q35.3
Function	protein binding; snoRNA binding

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