

## 32-4319: Recombinant Human NHP2 Ribonucleoprotein Homolog

**Alternative Name :** H/ACA ribonucleoprotein complex subunit 2, Nucleolar protein family A member 2, snoRNP protein NHP2, NHP2, NOLA2, NHP2P.

### Description

Source : Escherichia Coli. NHP2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 173 amino acids (1-153 a.a.) and having a molecular mass of 19.3kDa. The NHP2 is purified by proprietary chromatographic techniques. NHP2 belongs to the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been organized into 2 families: C/D and H/ACA. NHP2 (NOLA2) forms a small ribonucleoprotein particle with GAR1 (NOLA1), Nop10 for the isomerization of uridine to pseudouridine. NHP2 is involved in a variety of aspects of rRNA processing and modification. NHP2 localizes to the dense fibrillar component of the nucleolus and in nuclear Cajal bodies.

### Product Info

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| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 90.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | The NHP2 solution (0.25 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.  |
| <b>Storage condition :</b> | NHP2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.                                   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MTKIKADPDG PEAQAEACSG ERTYQELLVN QNPQAQPLAS<br>RRLTRKLYKC IKKAVKQKQI RRGVKEVQKF VNKGEKGIMV LAGDTLPIEV YCHLPVMCED<br>RNLPLYVYIPS KTDLGAAAGS KRPTCVIMVK PHEEYQEAYD ECLEEVQSLP LPL. |

