

**NHP2, 1-153aa, Human, His tag, E.coli**

**Cat.NO.: TP03156**

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3th Edition

**Synonyms:**H/ACA ribonucleoprotein complex subunit 2 isoform a, 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.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMTKIKADPDGPEAQAEACSGERTYQELLVNQNPIAQPLASRRLTRKLYKCIKKAVK  
QKQIRRGVKEVQKFVNKGEKGIMVLAGDTLPIEVYCHLPVMCEDRNLPYVYIPSKTDLGAAAGSKRPTCVIMVKPHE  
EYQEAYDECLLEEVQSLPLPL

**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.