9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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NHP2 Human

NHP2 Ribonucleoprotein Homolog Human Recombinant
RCP1494

Product Overview

Name	NHP2 Human
Description	
NHP2 Ribonucleoprotein Homolog Human Recombinant	
Accession (Primary)	Q9NX24
Synonyms	
H/ACA ribonucleoprotein complex subunit 2, Nucleolar protein family A member 2, snoRNP protein NHP2, NHP2, NOLA2, NHP2P.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The NHP2 solution (0.25 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MTKIKADPDG PEAQAEACSG ERTYQELLVN QNPIAQPLAS RRLTRKLYKC IKKAVKQKQI RRGVKEVQKF VNKGEKGIMV LAGDTLPIEV YCHLPVMCED RNLPYVYIPS KTDLGAAAGS KRPTCVIMVK PHEEYQEAYD ECLEEVQSLP LPL.	

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Precautions

NHP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NX24)