

Recombinant Full Length Human NHP2 Protein, GST-tagged

Cat. No. NHP2-6701HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOLA2 full-length ORF (NP_060308.1, 1 a.a. - 153 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	153 amino acids
Description	This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA1 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. The four H/ACA snoRNP proteins are also components of the telomerase complex. This gene encodes a protein related to <i>Saccharomyces cerevisiae</i> Nhp2p. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Molecular Mass	43.6 kDa
AA Sequence	MTKIKADPDGPEAQAEACSGERTYQELLVNQNPIAQPLASRRRLTRKLYKCIKKAVKQ KQIRRGVKEVQKFVNKGEGKIMVLAGDTLPIEVYCHLPVMCEDRNLPYVYIPSKTDL GAAAGSKRPTCVIMVKPHEEYQEAYDECLEEVQSLPLPL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NHP2 NHP2 ribonucleoprotein homolog (yeast) [Homo sapiens]
Official Symbol	NHP2
Synonyms	NHP2; NHP2 ribonucleoprotein homolog (yeast); NOLA2, nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs); H/ACA ribonucleoprotein complex subunit 2; FLJ20479; NHP2-like protein; snoRNP protein NHP2; nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs); DKCB2; NHP2P; NOLA2;
Gene ID	55651
mRNA Refseq	NM_001034833
Protein Refseq	NP_001030005
MIM	606470
UniProt ID	Q9NX24

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