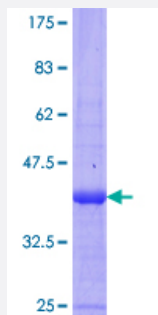


# NOLA2 (Human) Recombinant Protein (Q01)

Catalog # H00055651-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human NOLA2 partial ORF ( NP_060308.1, 54 a.a. - 153 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	AVKQKQIRRGVKEVQKFVNKGEGIMVLAGDTLPIEVYCHLPVMCEDRNLPYVYIPSKTDLGAAAG SKRPTCVIMVKPHEEYQEAYDECLEEVQSLPLPL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (94)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — NHP2

Entrez GeneID [55651](#)

GeneBank Accession# [NM\\_017838](#)

Protein Accession# [NP\\_060308.1](#)

Gene Name NHP2

Gene Alias NHP2P, NOLA2

Gene Description NHP2 ribonucleoprotein homolog (yeast)

Omim ID [606470](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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 *Saccharomyces cerevisiae* Nhp2p. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations** NHP2-like protein|nucleolar protein family A, member 2|nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs)

## Disease

- [Anemia](#)