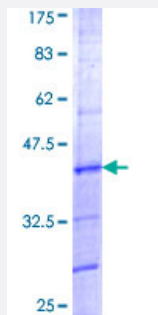


NOLA1 (Human) Recombinant Protein (Q01)

Catalog # H00054433-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NOLA1 partial ORF (NP_127460, 60 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KGQDQGPPERVVLLGEFLHPCEDDIVCKCTTDENKVPYFNAPVYLENKEQIGKVDEIFGQLRDFY FSVKLSENMKASSFKKLQKFYIDPYK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — GAR1

Entrez GeneID [54433](#)

GeneBank Accession# [NM_032993](#)

Protein Accession# [NP_127460](#)

Gene Name GAR1

Gene Alias NOLA1

Gene Description GAR1 ribonucleoprotein homolog (yeast)

Omim ID [606468](#)

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, NOLA2 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. These four H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to *Saccharomyces cerevisiae* Gar1p. Two splice variants have been found for this gene. [provided by RefSeq]

Other Designations nucleolar protein family A member 1|nucleolar protein family A, member 1|nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs)

Disease

- [Alcoholism](#)

- [Anemia](#)
- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)