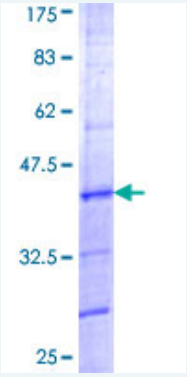
NOLA1 (Human) Recombinant Protein (Q01)

Catalog # : H00054433-Q01 **規格 :** [10 ug] [25 ug]

List All

Specification

Product Description:	Human NOLA1 partial ORF (NP_127460, 60 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence:	KGQDQGPPERVVLLGEFLHPCEDDIVCKCTTDENKVPYFNAPVYLENKE QIGKVDEIFGQLRDFYFSVKLSENMKASSFKKLQKFYIDPYK
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.
MSDS:	Download
Datasheet:	Download

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Application Image

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Gene Information

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)

Related Disease

Alcoholism Anemia, Aplastic Cardiovascular Diseases Genetic Predisposition to Disease