

Product datasheet for TP312074M

NOLA1 (GAR1) (NM_032993) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GAR1 ribonucleoprotein homolog (yeast) (GAR1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212074 protein sequence
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	<p>MSFRGGGRGGFNRGGGGGGFNRGGSSNHFRGGGGGGGGGNFRGGGRGGFGRGGGRGGFNKGQDQGPPERV VLLGEFLHPCEDDIVCKCTTDENKVPYFNAPVYLENKEQIGKVDEIFGQLRDFYFSVKLSENMKASSFKK LQKFYIDPYKLLPLQRFLPRPPGEKGPFRGGGRGGGRGGGRGGGRGGGRGGGRGGGRGGGRGGGRGGGRGGGRGG GFRGRGH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	22.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_127460
Locus ID:	54433



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UniProt ID: [Q9NY12](#)

RefSeq Size: 1021

Cytogenetics: 4q25

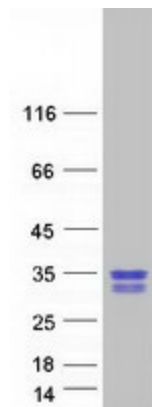
RefSeq ORF: 651

Synonyms: NOLA1

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, Jul 2008]

Protein Families: Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified GAR1 protein (Cat# [TP312074]). The protein was produced from HEK293T cells transfected with GAR1 cDNA clone (Cat# [RC212074]) using MegaTran 2.0 (Cat# [TT210002]).