OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC204193

NOLA1 (GAR1) (NM_018983) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NOLA1 (GAR1) (NM_018983) Human 3' UTR Clone
Symbol:	NOLA1
Synonyms:	NOLA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018983
Insert Size:	336 bp
Insert Sequence:	>SC204193 3'UTR clone of NM_018983 The sequence shown below is from the reference sequence of NM_018983. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGTGGTGGTTTCAGAGGGAGAGGACATTAAGTGAAACAGTTGACAGACATCACCAGTTGACTTCTGCAT TAACCTGCATGATCTGTTTCTACTATGGATTGGAAACTTGTTTCTTGAACAAGTCTTGAAGATCTTGGT CATTTTATGACAATGGATCTAAAATGTCAGCATCATGCAAAGTGCAACGGAATAGTGAATTTTGCTCTA AAAGAGCATGAACAAGTCTTTCTAATGTTTTGTACAGTGCCTGGCACTCTGTGGGTGCTCAATAAATGG ATAGGAGTTTTCATTTGAAGCATATTTGAATTTTTAAAATAAAGTGTTTTATTCCCTTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_018983.4

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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]

Locus ID: 54433

MW: 12.6