

## Product datasheet for SC204192

### NOLA1 (GAR1) (NM\_032993) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NOLA1 (GAR1) (NM_032993) Human 3' UTR Clone
Symbol:	NOLA1
Synonyms:	NOLA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032993
Insert Size:	349 bp
Insert Sequence:	<p>&gt;SC204192 3'UTR clone of NM_032993</p> <p>The sequence shown below is from the reference sequence of NM_032993. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GGTGGTGGTTTCAGAGGGAGAGGACATTAAGTGAAACAGTTGACAGACATCACCAGTTGACTTCTGCAT
TAACCTGCATGATCTGTTTCTACTATGGATTGGAACCTTGTTTCTGAACAAGTCTTGAAGATCTTGGT
CATTTTATGACAATGGATCTAAATGTGAGCATCATGAAAGTGAACGGAATAGTGAATTTTGCTCTA
AAAGAGCATGAACAAGTCTTTCTAATGTTTGTACAGTGCCTGGCACTCTGTGGTGCTCAATAAATGG
ATAGGAGTTTTCATTTGAAGCATATTTGAATTTTAAATAAAGTGTTTTATTCCCTTAAAAAAAAAAAA
AAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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.


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RefSeq: NM\_032993.2

**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: 13.2