

Product datasheet for **SC126508**

GNL3L (NM_019067) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GNL3L (NM_019067) Human Untagged Clone
Tag:	Tag Free
Symbol:	GNL3L
Synonyms:	GNL3B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC126508 sequence for NM_019067 edited (data generated by NextGen Sequencing)

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ATGATGAAACTTAGACACAAAAATAAAAAGCCAGGTGAAGGTTCCAAGGGCCACAAGAAG
ATAAGTTGGCCCTACCCTCAGCTGCAAAGCAAATGGGAAGAAAGCAACCTCCAAAGTG
CCCTCTGCACCTCATTGTTTACCCCAATGATCATGCCAATCGAGAGGCTGAATTAAG
AAGAAGTGGGTTGAGGAGATGAGGGAGAAGCAGCAAGCCGCCGGGAGCAAGAAAGACAA
AAACGCAGGACCATTGAGAGCTACTGTCAAGGATGTCCTAAGACGCCAGGAGGATTTGAG
CATAAGGAGGAAGTTTTGCAGGAATTAATATGTTTCTCAGCTGGATGACGAGGCCACG
AGGAAGGCTTATTACAAGGAGTTCGGTAAGGTGGTGAATACTCTGATGTGATTCTGGAA
GTCCTGGATGCCAGAGACCCATTAGGCTGCCGCTGCTTCCAAATGGAGGAGGCTGTCTG
CGAGCACAAAGGCAACAAGAAGCTGGTCTTGAACAAGATTGACCTGGTCCCAAG
GAGGTTGTGGAGAAATGGCTGGATTACCTTCGGAATGAGTTGCCAACCGTGGCTTTCAAG
GCCAGTACCCAGCATCAGGTCAAAAACCTGAATCGTTGCAGTGTGCCAGTAGATCAGGCC
TCTGAGTCACTGTGAAAAGCAAAGCCTGCTTTGGAGCTGAAAACCTCATGAGGGTTCTG
GGGAACTATTGCCGCCTTGGTGAAGTGGCAGCCACATTCGTGTGGGTGTGTGGGTCTT
CCCAATGTTGGGAAGAGCAGCCTGATCAATAGCCTGAAGCGCAGCCGCGCATGCAGCGTG
GGAGCTGTTCTTGGAAATACCAATTCATGCAGGAGGTCTACCTGGACAAGTTTATCCGG
CTCTTGGATGCTCCAGGCATTGTCCCAGGGCCAACTCAGAGGTGGGACCATCCTGCGT
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CGCTGCAACCTGGAGGAGATTTCCAATATTATGGCGTCTCTGGGTTCCAGACCACTGAG
CACTTTCTGACGGCAGTGGCCACCGTTTGGGGAAGAAGAAGAAGGGAGGCTTATATAGT
CAGGAACAGGCGCCAAAGCTGTCTAGCTGACTGGGTGAGCGGAAGATCAGCTTCTAT
ATACCACCACGACCACTCACACTCTGCCACCCATCTCAGTGTGAGATCGTTAAGGAA
ATGACCGAGGTCTTTGACATCGAGGATACTGAGCAGGCCAATGAAGACACCATGGAATGC
TTGGCCACCGGAGAATCTGATGAGCTGTTGGGTGACACGGACCCACTTGAATGGAGATC
AAGTTGCTCCATTCTCCGATGACGAAAATAGCAGATGCCATTGAAAATAAAAACCACCGTG
TATAAGATTGGAGATCTCACTGGGTATTGCACCAATCCGAACCGTCATCAGATGGGGTGG
GCTAAACGCAATGTGGACCACCGCCCTAAGAGCAACAGTATGGTGGATGTCTGCTCAGTG
GACCGCCGCTCAGTGTGCAGAGGATCATGGAGACGGACCCCTGCAACAGGGCCAGGCT
CTGGCATCTGCCCTGAAAATAAGAAGAAGATGCAGAAACGTGCAGATAAAAATCGCCAGC
AAGCTGTCTGATTCCATGATGTCTGCTCTCGACCTCTCTGGCAATGCTGATGATGGTGT
GGTGACTAA

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Clone variation with respect to NM_019067.5

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_019067 unedited CGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGAGTTGTCGTGTTGCCCTCGC TTCTCAGATCCCCGCCGGAAGTGAAGAGAGCAAGCAGATTTGAACCTATCTGCTTCAAG CTGGTCATCATGATGAACTTAGACACAAAAATAAAAAGCCAGGTGAAGGTTCCAAGGGC CACAAGAAGATAAGTTGGCCCTACCTCAGCCTGCAAAGCAAAATGGGAAGAAAGCAACC TCCAAAGTGCCCTCTGCACCTCATTTTGTTCACCCAATGATCATGCCAATCGAGAGGCT GAATTAAGAAGAAGTGGGTTGAGGAGATGAGGGAGAAGCAGCAAGCCGCCGGGAGCAA GAAAGACAAAAACGCAGGACCATTGAGAGCTACTGTCAGGATGTCCTAAGACGCCAGGAG GAGTTTGAGCATAAGGAGGAAGTTTTGCAGGAATTAATATGTTTCTCAGCTGGATGAC GAGGCCACGAGGAAGGCTTATTACAAGGAGTTCGTAAGGTGGTGAATACTCTGATGTG ATTCTGGAAGTCTGGATGCCAGAGACCCATTAGGCTGCCGCTGCTTCCAAATGGAGGAG GCTGTCTCGCAGCACAAGGCAACAAGAAGCTGGTCTGGTCTTGAACAAAGATGACCTG GTCCCCAGGGAGGTGTGGAGAAATGGCTGGATTACCTTCGNAATGAGNNTGCCACCGTGG CTTTCAGGNCAGTACCCAGCATCAGGTCANAACTGAATCGTTGCAGTGTGCCAGTAGA TCAGGCCCTCTGAGTCACTGCTGAAAGCAAAGCCTGCTTTGGAGCTGAAAACCTCATGAGGG TTCTGGGGAACATTGNGCNCTTNGNTGAAGTGCACACCACATTCGTGTGGGGTNTGGG GGTCTTNCCAATGGTTGGAAGAGCAGCCTGATCAATANCCTGAACCCGANCNGCATGCA CGGTGGGAGCTGTTCTGGAATACCCAATCATGCAGNAGTCTACTGGNCNGTTCATCGG
Restriction Sites:	NotI-NotI
ACCN:	NM_019067
Insert Size:	2340 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_019067.3</u> , <u>NP_061940.1</u>
RefSeq Size:	2893 bp
RefSeq ORF:	1749 bp
Locus ID:	54552
UniProt ID:	<u>Q9NVN8</u>
Cytogenetics:	Xp11.22
Domains:	MMR_HSR1

Protein Families: Protease

Gene Summary: The protein encoded by this gene appears to be a nucleolar GTPase that is essential for ribosomal pre-rRNA processing and cell proliferation. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.