

Product datasheet for **SC324460**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_019067.4
AAGAACTTCTCTCTCTTTCTCACAATGTGCGCTCACCTAGACGGCCGGGCAGTTAGG
ATCGTCTATTGGATGTGAAACCAGAGATGCCCGCCAACCTGGAATAGAGAGGAAGAGAGC
AAGCAGATTTGAACCTATCTGCTTTCAAGCTGGTCATCATGATGAAACTTAGACACAAAA
ATAAAAAGCCAGGTGAAGTTCCAAGGGCCACAAGAAGATAAGTTGGCCCTACCTCAGC
CTGCAAAGCAAAATGGGAAGAAAGCAACCTCCAAGTGCCCTCTGCACCTCATTTTGTT
ACCCCAATGATCATGCCAATCGAGAGGCTGAATTAAGAAGAAGTGGGTTGAGGAGATGA
GGGAGAAGCAGCAAGCCCGGGAGCAAGAAAGACAAAAACGCAGGACCATTGAGAGCT
ACTGTCCAGGATGTCCTAAGACGCCAGGAGGAGTTTGGAGCATAAGGAGGAAGTTTTGCAGG
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ACCGTTTGGGGAAGAAGAAGAAGGAGGCTTATATAGTCAGGAACAGGCGGCCAAAAGCTG
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AGAAGAAGATGCAGAAAGTGCAGATAAAAATCGCCAGCAAGCTGTCTGATTCCATGATGT
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CTTCCCTTCCGCTCCAAGCACCAGTTCGGTGGTACGGGGGAATACCAGTGAAATAGTTT
GGTTCTCCCTGAAGCATCTGCATATTGAAAGAACGCTTTCCCACTGTGTGCTTCTCCC
CCTCCTCGGGTATCCGCTCGTTCGGCTCCCGGGGTGCTGGGATTATAGGCGTGAGCC
ACTGTGCCAGCCTCACAGCTGCATCTAACCTTACCTTTGCCTCTGCCTCTCAAGCTGG
TACCTCCTAATTTACATCCTAAGAGTGGAAACATGTGACAAGGACTGGAGTGCCATTGGC
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GAGAAATACGTACTTGTGAGTACAAACTGCACCAAGCCCTGGAGACCCATTACCACCGT
TAACCCTCAATACAGCTCTGCTAGTAAGGATTGCTCTCCCAAATGAAAAAAAAAAGTA
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TGGGATTATGGGCGCCCGCCACCACGCCAGCTAATTTTTGTATTTTGGTAGAGATGGG
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GGATCTTTGCAGTTTTGGACAATTACAAGTAAAGCTGCTATAAACATTTGTATGCAAAAA
AAAAAAAAAAAAA
    
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Restriction Sites:

Please inquire

ACCN:	NM_019067
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_019067.4 , NP_061940.1
RefSeq Size:	6826 bp
RefSeq ORF:	1749 bp
Locus ID:	54552
UniProt ID:	Q9NVN8
Cytogenetics:	Xp11.22
Domains:	MMR_HSR1
Protein Families:	Protease
Gene Summary:	<p>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]</p> <p>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.</p>