

Product datasheet for **SC314464**

NOL6 (NM_139235) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOL6 (NM_139235) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOL6
Synonyms:	bA311H10.1; NRAP; UTP22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314464 representing NM_139235.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCCGGCCAGCTGGAGAGCAGCTTCGCGGAGCGACTGGAGAGCCAGAGGTGATGGAACAGCC
CTGGAAGGCACAGGCAAGAGGGGAAGAAAGCATCTCCAGGAAGCGTACATTGGCTGAACCTCCAGCG
AAGGGCCCTCTGCAGCCAGTGAAGCTCAGCAGGGCAGAACTGTACAAGGAGCCTACCAATGAGGAGCTT
AATCGCCTTCGGGAGACTGAGATCTTGTCCACTCCAGCTTGCTTCGTTTACAGGTAGAGGAGCTACTA
AAGGAAGTAAGGCTGTCAGAGAAGAAGAAGGATCGGATTGATGCCTTCCTACGGGAGGTCAACCAGCGG
GTTGTGAGGGTGCCCTCAGTCCCTGAGACAGAGCTCACTGACCAGGCATGGCTCCAGCTGGGGTTCGA
GTGCCCCCTCCACCAAGTGCCCTATGCCGTGAAGGGCTGTTCCGCTTCCTGCCCCAGCCAGGTTACT
GTTGTGGGCAGCTACCTTCTGGGCACCTGCATCCGACCAGACATCAATGTGGATGTGGCACTGACCATG
CCCAGGGAATCTACAGGACAAGGACGGGCTGAACCAGCGCTACTTCCGAAGCGTGCCCTCTACCTG
GCCCACTTGGCTCACCACCTGGCCAGGACCCCTCTTTGGCAGTGTTCCTTCTCTACACAAATGGC
TGCCACCTGAAACCTCACTGTTGCTGCGGCCGCTGGAAGGATGAGCGCCTGGTCACTGTACGCTCG
CATCCGTGCCCTCCACCTGACTTCTTCCGCCGCTGCCGCTTGCTGCCAACCAAGAACAATGTGCGCTCT
GCCTGGTACCGAGGGCAGAGTCTGCAGGGGATGGTAGCCAGAGCCTCTACCCCCCGCTATAACACA
TGGGTCTGCAAGATACAGTTCTCGAGTCCCATTTGCAGCTGCTGTCAACCATTCTGAGTTCAGCCAG
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CCCCCAGTCCAGAGTGGGACATCAGCCAAGATCCACCAAGCACAAGACTCTGGGACCCTGACCTG
GGACTCCTTCTCCGGCTGAGGGACTGACCAGCGTCTTGAGCTGGGTCCAGAGGCAGACCAGCCTGAG
GCTGCTAAATCCGCCAGTTCTGGGATCCCGCTCGGAGCTTCGGCGTTTCCAGGACGGAGCCATTCGG
GAAGCTGTGGTCTGGGAGGCAGCCTCTATGTCCAGAAGCGCCTATTCCCCACCAGGTGGTCACCCAC
CTCTTGGCACTCCATGCTGACATCCCAGAAACCTGTGTCCACTATGTGGGGGGCCCCCTGGATGCACTT
ATCCAAGGCCTGAAAGAGGCCTCCAGCACAAGGGGCGCATGGTGATGTCTCGAGGTGGGGAGCTAGTA
ATGGTGCCCAATGTTGAAGCAATCCTGGAGGACTTGTGTGTGGTGAAGGCTGGTGCAGACTGTG
GAGGCCGAAGTGAGAGGTGGAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI
ACCN: NM_139235
Insert Size: 2100 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).

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:	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_139235.3
RefSeq Size:	3554 bp
RefSeq ORF:	2100 bp
Locus ID:	65083
UniProt ID:	Q9H6R4
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome
MW:	77.6 kDa
Gene Summary:	The nucleolus is a dense subnuclear membraneless organelle that assembles around clusters of rRNA genes and functions in ribosome biogenesis. This gene encodes a nucleolar RNA-associated protein that is highly conserved between species. RNase treatment of permeabilized cells indicates that the nucleolar localization is RNA dependent. Further studies suggest that the protein is associated with ribosome biogenesis through an interaction with pre-rRNA primary transcripts. Alternative splicing has been observed at this locus and two splice variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (gamma) lacks nine exons in the 3' region compared to variant alpha. The encoded isoform (gamma), also known as the short isoform, has a unique C-terminus compared to the alpha isoform.