

Product datasheet for **SC123508**

NOL6 (BC030139) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOL6 (BC030139) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOL6
Synonyms:	bA311H10.1; NRAP; UTP22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC030139 edited

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CTGGACCCTGAGTGATGGGGCCGGCCAGCTGGAGAGCAGCTTCGCGGAGCGACTGGAG
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 GACCCCATCTCTTTAAATAAAAAGTTAAATTGCTTAAAAAAAAAAAAAAAAAAAAA

	AAAAAAAAAAAA
5' Read Nucleotide Sequence:	>OriGene 5' read for BC030139 unedited TAACGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTGGAC CCTGAGTGATGGGGCCGGCGCCAGCTGGAGAGCAGCTTCGCGGAGCGACTGGAGAGCCAG AGGTGATGGAACACGCCCTGGAAGGCACAGGCAAAGAGGGGAAGAAAGCATCCTCCAGGA AGCGTACATTGGCTGAACCTCCAGCGAAGGGCCTCCTGCAGCCAGTGAAGCTCAGCAGGG CAGAACTGTACAAGGAGCCTACCAATGAGGAGCTTAATCGCCTTCGGGAGACTGAGATCT TGTTCCACTCCAGCTTGCTTCGTTTACAGGTAGAGGAGCTACTAAAGGAAGTAAGGCTGT CAGAGAAGAAGAAGGATCGGATTGATGCCTTCCTACGGGAGGTCAACCAGCGGTTGTGA GGGTGCCCTCAGTCCCTGAGACAGAGCTCACTGACCAGGCATGGCTCCCAGCTGGGGTTC GAGTGCCCTCCACCAAGTGCCCTATGCCGTGAAGGGCTGTTCCGCTTCCTGCCCCAG CCCAGTTACTGTTGTGGGCAGCTACCTTCTGGGCACCTGCATCCGACCAGACATCAATG TGGATGTGGCACTGACCATGCCAGGGAATCCTACAGGACAAGGACGGGCTGAACCAGC GCTACTTCCGCAAGCGTGCCCTCTACCTGGCCCACTTGGCTCACCACCTGGCCCAGGACC CCCTCTTTGGCAGTGTTTGCTTCTCCTACACAAATGGCTGCCACCTGAAACCCCTCACTGT TGCTGCNCGCCGCTGGAAAGATGAGCGCCTGGTCACTGTACGTCTGCATCCGTGCCCTCC ACCTGACTTCTTCGCCCGTGCCGCTTGCTGCCAACCAAGAACATGTGCGCTCTGCCTGG TACCGAGGGCAGAGTCTA
Restriction Sites:	Please inquire
ACCN:	BC030139
Insert Size:	4701 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:	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>BC030139.2</u> , <u>AAH30139.1</u>
RefSeq Size:	4692 bp
Locus ID:	65083
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome

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]