

Product datasheet for **MC221102**

Nol11 (NM_133702) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nol11 (NM_133702) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nol11
Synonyms:	1500002M01Rik; AU015220; AU019874
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221102 representing NM_133702
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAACCC**TGGAAGAAGAATTCACGTTGTCTACTGGAGTCTTAGGCGCCGGCCCTGAGGGATTCTAG**
 GTGTAGAGCAGACTGACAAAGCCGACCAGTTCCTAGTGACGGACAGCGGCAGGACCGTCGCCTTTACAA
 GGTTTCTGACCAGAAACCGTTGGGCAGCTGGTCCGGTGAAGCAAGGTCAGAGTATAACATGCCCTGCCTGTG
 TGCAACTTTCAGACTGGAGAGTATATTATGGTACATGACCATAAGGTTTTGAGAATATGGAATAATGATG
 ACGTAAACGTGGATAAAGTATTCAAAGCTACACTGTCAGCTGAAGTCCATAGAATCCACTCAGTACAAAG
 AACAGAACCC**TGGTGTGTTCCGAGGAGGCGCTGCTCGTGGGCTAGAGGCCTTGCTTGTAGAGCCCCAG**
 CAGAACATCGAATCTGTCATACCTGATGAGGAAGTATCGTGTGGTCAGAGGTTTT**CATGTTATTTAAGC**
 AACCGATTTTAA**TTTTTACTGAAAATCATGGTCATTATTATGCTTATGTACGATTATGCAAATCACA**
 CAGCTTAAGCAAATACACTCTTACTTGA**AAAAAGAAGAAAAATCTGTTAAACCAATTTTACTGCACGT**
 GTGGATGGGAAATTCATCTCCCTGGTGTGCTAAGCTCTGATGGGTGATATATGAAACCTTGATACCAA
 TATATTCAAGTGACACAGAA**CAAAACCAGAGGTTAGTTAGAGCATTGATGCTCAAGTCAGTTGTGTCTGG**
 CGGTGTT**CGAAATGGTGTGGCCCTCACCATCCTGGATCAAGACCACATAGCTGTCCTGGGACCTCCACTT**
 TCAGCTTCTAAGGAGTGCCTCTCCATATGGAACATAAAGTTTCAAACATTACAGACGTCAA**AAAGAGCTGC**
 CACAAGGAAC**CGTGGGCAGCTCTGGTATCATGGGGAAGTACTATTATGCTACATGGAAAAAGTCTAAC**
 TGTGATTCATACAAGTGAAGAA**TCGTCTAGCAGGCGCTCTGGAAAACTCAAGCACACACAAGAG**
 TCAGGCAGCTATTCTGTGCCCCACTTTG**TAAACTGGGAAACATGTTCAGGATATGAACTTGGTCCCTCCG**
 GTGCAGACAGTCAAGA**ACTCTTAGGAGAAAAAAGTTGAAACAAATTTACAGCCAGAAGTCCAGGATT**
 CAAACA**ACTTTTTATCAATAATAAAGAAAGATTCAGAAAAGCACATTGAAGTAGAACTCCGTAAGTTTTTG**
 GCGAAGTCAACACCTGCCTTTCATACTATAA**TTGGAGACTTAGTAGCAGGGCTTGTGGGAAGATGTAAG**
 CCGAGCCATCGTTTTACCCCGGAACTGTCTGACACAGCTCATCCAAACACAGTCTTTCTACAGCTT
 ATGCCCTGACTTGATGGAGATTGCCCTAGAGCACACAGATGTGCAGATGTTACAGCTGTGCTACAGCAG
 TTCCCTGACATTCCTGAGTCCACCACCTGTGCTTGGCTTAA**AACTTTTCTTGAGCGTTGGTGTACTGTC**
 TTCGAGACAGTAATCAACATGGAGTCA**GTTTTTGATTATAGTGATTCCACACAAGATGAGAAAAAGGA**
 AATGGAAGAGCAAATTGAAATTTGTT**CAGAATGGCTTTGGACCTGAAGATGGGAAGTGCAGTGAAGATAGT**
 CAGCAGTTAAATGATAAGCCTGCAGACACAGCACAGCAGCCCGGCTCCTCCCTGTGACCTCATGCTCTG
 TGGCACC**AAAGCGAGCAGCTCTGCTAAATGCAGTCCTTCAATCCGCATACAGTGACCCCTCCTCCTGCC**
 GCACTTGAAGGACATCCCTGCGAAGCATGT**CACGCTGTTTCTCCAGTATTTGTATTTCTCTATTTGAAG**
 TGTACTGGCAGTGTACCATGACTCTCCCTGGAGTGAACCCTCCAACCGT**GAGCCAGATTATGGATTGGA**
 TATGCCTACTTCTAGATGCTAATTTTACTGTCCTATTAATGATACCAGAA**GCAAAAAGACTTTTACTTAT**
 TCTTTACAATTTTGTGAAATCTCAGATCTCCATCTATTCCGAGCTCAACAAGATCGCAGT**CAGCTTCCGG**
 GAGCTGCAGAGATTAATCGGGAGAAGAGCAGT**AGAGGACTGACTCCATCGAAGTGTGGAACTCTTCT**
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133702
Insert Size: 2172 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_133702.2</u> , <u>NP_598463.2</u>
RefSeq Size:	3168 bp
RefSeq ORF:	2172 bp
Locus ID:	68979
UniProt ID:	<u>Q8BJW5</u>
Cytogenetics:	11 E1
Gene Summary:	Ribosome biogenesis factor. May be required for both optimal rDNA transcription and small subunit (SSU) pre-rRNA processing at sites A', A0, 1 and 2b (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) is the longer transcript and encodes the longer isoform (1).