

Product datasheet for **MC220590**

Nol11 (NM_001161329) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nol11 (NM_001161329) 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: >MC220590 representing NM_001161329
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACCCCTGGAAGAAGAATTCACGTTGTCTACTGGAGTCTTAGGCGCCGGCCCTGAGGGATTCTCTAG
 GTGTAGAGCAGACTGACAAAGCCGACCAGTTCCTAGTGACGGACAGCGGCAGGACCGTCGCCTTTACAA
 GGTTTCTGACCAGAAACCGTTGGGCAGCTGGTCCGGTGAAGCAAGGTCAGAGTATAACATGCCCTGCTGTG
 TGCAACTTTCAGACTGGAGAGTATATTATGGTACATGACCATAAGGTTTTGAGAATATGGAATAATGATG
 ACGTAAACGTGGATAAAGTATTCAAAGCTACACTGTCAGCTGAAGTCCATAGAATCCACTCAGTACAAA
 AACAGAACCCCTGGTGTGTTCCGAGGAGGCGCTGCTCGTGGGCTAGAGGCCTTGCTTGTAGAGCCCCAG
 CAGAACATCGAATCTGTCATACCTGATGAGGAAGTATCGTGTGGTCAGAGGTTTTCATGTTATTTAAGC
 AACCGATTTTAAATTTTATTACTGAAAATCATGGTCATTATTATGCTTATGTACGATTATGCAAATCACA
 CAGCTTAAGCAAATACACTCTTACTGAAAAAGAAGAAAAATCTGTTAAACCAATTTTACTGCACGT
 GTGGATGGGAAATTCATCTCCCTGGTGTGCTAAGCTCTGATGGGTGTATATATGAAACCTTGATACCAA
 TATATTCAAGTGACACAGAAACAAACCAGAGGTTAGTTAGAGCATTGATGCTCAAGTCAGTTGTGTCTGG
 CCGTGTTCGAAATGGTGTGGCCCTCACCATCCTGGATCAAGACCACATAGCTGTCCTGGGACCTCCACTT
 TCAGCTTCTAAGGAGTGCCTCTCCATATGGAACATAAAGTTTCAAACATTACAGACGTCAAAGAGCTGC
 CACAAGGAACAGTGGGCAGCTCTGGTATCATGGGGAAGTACTATTATGCTACATGGAAAAAGTCTAAC
 TGTGATTCATACAAGTGAAGAATCGTCTCTAGCAGGCGCTCTGGAAAACTCAAGCACACACAAGAG
 TCAGGCACTCATTCTGTGCCCACTTTGTAACCTGGGAAACATGTTCCAGGATATGAACTTGGTCCCTCCG
 GTGCAGAGCAGTCAAGAACTCTTAGGAGAAAAAAGTTGAAACAAATTTACAGCCAGAAGTCCAGGATT
 CAAACAACTTTTATCAATAATAAAGAAAGATTCAGAAAAGCACATTGAAGTAGAACTCCGTAAGTTTTTG
 GCGAAGTCAACACCTGCCTTTCATACTATAAATTGGAGACTTAGTAGCAGGGCTTGTGGGAAGATGTAAG
 CCGAGCCATCGTTTTACCCCGGAACTGTCTGACACAGCTCATCCAAACACACGTGCTTTCTACAGCTT
 ATGCCCTGACTTGATGGAGATTGCCCTAGAGCACACAGATGTGCAGATGTTACAGCTGTGTCTACAGCAG
 TTCCCTGACATTCCTGAGTCCACCACCTGTGCTTGCTTAAACTTTTCTGAGTGATTCCACACAAGATG
 AGAAAAAGGAAATGGAAGAGCAAATGAAATTGTTGAGAAATGGCTTTGGACCTGAAGATGGGAAGTGCAG
 TGAAGATAGTCAGCAGTTAAATGATAAGCCTGCAGACACAGCACAGCCGCGGCTCCTTCCTGTGACC
 TCATGTCTGTGGCACCAAAGCGAGCAGCTCTGCTAAATGCAGTCCTTCATTCCGCATACAGTGAGCCCT
 TCCTCCTGCCGCACTTGAAGGACATCCCTGCGAAGCATGTCACGCTGTTTCTCCAGTATTTGTATTTCT
 CTATTTGAAGTGTACTGGCAGTGTACCATGACTCTCCCTGGAGTGAACCTCCAACCGTGAGCCAGATT
 ATGGATTGGATATGCCTACTTCTAGATGCTAATTTTACTGTCTTATTAATGATACCAGAAGCAAAAAGAC
 TTTTACTTATTCTTTACAATTTTGTGAAATCTCAGATCTCCATCTATTCCGAGCTCAACAAGATCGCAGT
 CAGCTTCCGGGAGCTGCAGAGATTAATCGGGAGAAGAGCAGTAGAGGACTGTACTCCATCGAAGTGCTG
 GAACTCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001161329

Insert Size: 2112 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_001161329.1</u> , <u>NP_001154801.1</u>
RefSeq Size:	3108 bp
RefSeq ORF:	2112 bp
Locus ID:	68979
UniProt ID:	<u>Q8BJW5</u>
Cytogenetics:	11 E1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an in-frame segment in the CDS, as compared to variant 1. The resulting isoform (2) is shorter but has identical N- and C-termini, as compared to isoform 1.</p>