

Product datasheet for **RN204266**

Nolc1 (NM_022869) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nolc1 (NM_022869) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nolc1
Synonyms:	Nopp140
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204266 representing NM_022869
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGATACCGCTTTCGCCCGGTGGTTCACAGCGACCTTTATCCCCTTGCTCGGCTTTCTGCGAG
 ATAACCGACTCTCAGAGGTGGCCAGTAAATTTGCAAAAAGCGACAGGCGCTACACAGCAGGACGCCAATGC
 CTCTTCCCTCTTGACATTTATAGCTTTTGGCTCAAGTCCACAAAGCCCCGAAGGTGAAACTGCAGTCA
 AATGGACCAAGTGGCCAAAAGGCTAAGAAAAGACTTCATCCAGTGACAGCAGTGAGGACAGCAGTGAGG
 AAGAGGACAAAGCCCAAGTTCCACACAGAAGGCTGCCGCCCTGCCAAGCGAGCCAGTTTGCTCAGCA
 TGCTGGGAAAGCAGCAGCCAAAGCTTCAGAGAGCAGCAGTAGTGAAGAGTCCAGTGAGGAAGAGGAGGAG
 AAGGACAAAAGAAAAGCCTGTCCAGCAGAAAGCAGTTAAGCCCCAAGCCAAGGCAGTCAGACCTCCTC
 CGAAGAAGGCAGAGACTCTGAGTCCGAGTCTGACTCAAGCTCAGAGGATGAAGCACCACAGACCCAGAA
 GCCAAAGGCAGCTGCTACGGCAGCTAAAGCCCCGACTAAAGCCCAGACTAAAGCCCCAGCCAAACCAGGT
 CCACCAGCGAAAAGCAGCCTAAAGCAGCCAATGGCAAAGCAGGCAGCAGCAGCAGCAGTGCAGCAGCA
 GTAGCAGTGATGACTCAGAGGAAGAGAAGAAGGCAGCTGCACCTCTCAAGAAGACTGCACCTAAAAAGCA
 AGTCGTGGCCAAGGCACCAAGTAAAGTAACTGCTGCCCCACCCAAAAGATTCTAGCAGTGAGGACTCT
 TCCAGTGAAGAGGAAGAGGAACAGAAAAACCCATGAAGAAAAAGCAGGTCCCTACAGTTCAGTTCCAC
 CACCTTCTGTTTCTTTATCCAAAAGTCCGTGGGAGCCAGTCTCCAAGAAAGCGGCCCGCAACACA
 GCCTGCAGACAGCAGTGACAGCAGCAGGAGTCTGATTCAAGTTCTGAGGAAGAGAAGAAAAGTCCAG
 GCTAAGACAGTCGTCTCCAAGACACCCGCCAAACCAGCTCCAGTGAAGAAAAAGGCCGAGAGCTCTTCAG
 ACAGCTCAGATTCTGACAGTTCTGAGGATGAAGCTCCTGCCAAGCCAGTCAGTGCCACCAAGAGTCCCTT
 AAGCAAGCCAGCTGTCACTCCTAAGCCCGCTGCTGCAAAGGCAGTGGAACCTCTAAGCAGCCTGCGGGC
 AGTGGCCAGAAAAGCCTCAGAGCAGAAAGGCTGACAGCAGCTCCAGCGAGGAGGAGAGCAGCTCCAGTGAGG
 AAGAGGCCACCAAGAAAAGTGTGACAACCCCTAAGGCCAGGGTGACCGCCAAAGCAGCACCTCTCTACC
 TGCCAAACAGGCTCCTCGGGCTGGTGGAGACAGCAGCTCCGACTCAGAGAGTTCCAGCAGTGAGGAGGAG
 AAGAAGACGCCGCTAAACCCCGCTAAGAAGAAGGCAGCAGGTGCAGCCGTTCCCAAACCCACCCCTG
 TGAAGAAAGCAGCAGCCGAGAGCAGCAGCAGCAGCTCCTCCGAAGATTCCAGTGAAGAAGAGAAAAA
 GAAGCCCAAGAGCAAAGTACTCCAAACACAGGCAGGAAAGGCCAATGGCGTTCAGCTTCTCAGAAC
 GAAAAGCAGGCAAGGAAAGTGAAGGAGGAAGGAAGACACAGAACAGAAACAAAAGGCAGCCGGGACCA
 AGCCAGGTTTCCAGCAAGAAACGGAAGCACAATGAGACAGCAGATGAAGCAGCAACTCCTCAATCTAAGAA
 AGTTAAGCTGCAGACCCCTAATACGTTTCCAAAAGGAAGAAGGGAGAGAAAAGGGCATCTTCCCCTTTC
 CGAAGGGTCAGGGAGGAGGAGATTGAGGTGGACTCTCGAGTAGCAGACAATTCCTTCGATGCCAAGCGAG
 GTGCAGCTGGAGACTGGGGTGGAGCAGCAATCAGGTTCTGAAGTTACCAAAGGAAAGTCTTCCGGCA
 CGAAAAACAAAGAAGAAGCAGGCAGCTACCGGGGAGGCTCCATCTCTGTCCAGGTCAATTCCGTCAAG
 TTTGACAGCGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022869

Insert Size: 2115 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_022869.1</u> , <u>NP_074060.1</u>
RefSeq Size:	3609 bp
RefSeq ORF:	2115 bp
Locus ID:	64896
UniProt ID:	<u>P41777</u>
Cytogenetics:	1q54
Gene Summary:	nucleolar phosphoprotein that may function as a chaperone for import into and/or export from the nucleolus [RGD, Feb 2006]