

## Product datasheet for **RN202371**

### Nudc (NM\_017271) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nudc (NM\_017271) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nudc  
**Synonyms:** c15; Silg92  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202371 representing NM\_017271  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGGAGGGGAGCAGGAGGAGGAGCGCTTCGACGGCATGCTGCTGGCCATGGCGCAGCAGCAGGAGGGCG  
GCGTGCAGGAGCTTGTGAACACCTTCTTCAGCTTCCTTCGACGCAAAACAGACTTTTTCATTGGAGGAGA  
AGAGGGGATGGCAGAGAAGCTCATCACACAGACTTTTAACCACCAACAGCTGGCACAGAAGGCCAGG  
AGAGAGAAGCGAGCTCGGCAGGAGACAGAGCGTGGGAGAAAGGCAGAGCGGGCAGCCAGGCTGGCCAAGG  
AGGCCAAGGCAGAGACTCCCGGGCCACAGATCAAGGAAGTACTGATGAGGAGGCAGAGAGACTGCAGCT  
GGAGATTGACCAGAAAAAGGATGCAGAGAACCATGAGGTGCAGCTTAAGAACGGCAGTCTTGACTCTCCA  
GGGAAGCAGGATGCTGAGGAAGAGGAAGACGAGGAAGACGAGAAGGACAAAGGAAAGCTGAAACCAACC  
TAGGCAATGGGGCTGACCTGCCCAACTACCGCTGGACCCAGACCTGTGAGAGCTGGATCTGGCAGTGCC  
CTTCCGAGTCAGCTTCCGGCTGAAGGAAAGGATGTGGTGGTGGACATCCAGCGGGCCACCTCCGGGTG  
GGCCTCAAAGGACAGGCACCAGTGATTGATGGAGAGCTCTACAATGAAGTAAAGGTGGAGGAGAGCTCGT  
GGCTCATCGAGGATGGCAAGGTGGTGCAGTGCACTGGAGAAGATCAATAAGATGGAGTGGTGGAAACCG  
CTTGTTACCAGTGACCCGAAATCAATAACCAAGAAGATTAACCCCTGAGAAGTCCAAGCTCTCAGACCTG  
GACAGTGAGACTCGCAGCATGGTGGAAAAATGATGTATGACCAGAGGCAGAAAGTCCATGGGCTTGCCCA  
CCTCTGATGAGCAGAAGAAACAGGAAATCCTGAAGAAGTTCATGGATCAGCACCCAGAGATGGATTTCTC  
CAAGGCCAAATCAACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_017271



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<b>Insert Size:</b>	999 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017271.2</a> , <a href="#">NP_058967.1</a>
<b>RefSeq Size:</b>	1290 bp
<b>RefSeq ORF:</b>	999 bp
<b>Locus ID:</b>	29648
<b>UniProt ID:</b>	<a href="#">Q63525</a>
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	expression is induced by prolactin; highest expression occurs during the G1/S transition phase of the cell cycle [RGD, Feb 2006]