

## Product datasheet for **RN202375**

### **Ncl (NM\_012749) Rat Untagged Clone**

#### **Product data:**

|                    |                                    |
|--------------------|------------------------------------|
| Product Type:      | Expression Plasmids                |
| Product Name:      | Ncl (NM_012749) Rat Untagged Clone |
| Tag:               | Tag Free                           |
| Symbol:            | Ncl                                |
| Synonyms:          | MGC93572                           |
| Vector:            | pCMV6-Entry (PS100001)             |
| E. coli Selection: | Kanamycin (25 ug/mL)               |
| Cell Selection:    | Neomycin                           |



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**Fully Sequenced ORF:** >RN202375 representing NM\_012749  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGTGAAACTCGCAAAGCCGGCAAAACCCAGGAGAGTCCAAGAAAATGGCTCCTCCTCAAAGGAGG  
 TGGAGAAGATAGTGAGGATGAAGAAATGTCAGAAGATGAAGATGACAGCAGTGGAGAAGAGGAGTTGT  
 CATCCCTCAGAAGAAAGGCAAAAAGGCTACCACAACCTCCAGCAAAGAAGGTGTTTTCACAAAACAAA  
 AAGGCTGCAGTCCCACACCAGCTAAGAAAGCAGCTGTTACCCAGGCAAAAAGGCGAGCCACACCAG  
 CCAAGAAAGCTGTACACCAGCCAAAGTGTTCACACCTGGTAAAAAGGGAGCTGCACAAGCAAAAGC  
 ATTGGTACCAACTCCTGGTAAAAAGGGAGCTGTACTCCAGCCAAAGGGGCTAAGAATGGTAAGAATGCC  
 AAGAAGGAAGACAGCGATGAGGATGAAGATGAAGAGGATGAAGATGACAGCGATGAGGATGAAGATGAAG  
 AGGATGAATTTGAGCCACCGGTAGTAAAAGGAGTGAACCAGCAAAGCAGCTCCTGCTGCTCCTGCCTC  
 AGAGGATGAGGATGAGGAAGATGATGATGATGAAGAAGATGATGATGATGATGATGAAGAGGAGGAGGAG  
 GAAGATGACTCTGAGGAAGAAGTTATGGAGATCACACCAGCCAAAGGAAAGAAAACCTCCTGCAAAAGTTG  
 TTCTGTGAAAGCCAAGAGTGTGGCCGAGGAGGAGGAAGATGATGAGGATGATGAAGATGAAGAGGAGGA  
 TGAAGATGAAGAAGATGAAGAGGACGATGAAGATGAGGATGAGGAAGAAGAGGAAGAACCTGTTAAAGCA  
 GCACCTGGAAAACGGAAGAAGGAGATGACCAAGCAGAAAGAAGCCCTGAAGCCAAGAAACAGAAAATAG  
 AAGGCTCAGAACCAACTACACCTTTCAACCTGTTTATTGGAAACCTTAATCCAAACAAGTCTGTTGCTGA  
 AATAGGAAATTTGGTTATGTTGATTTGAGTCTGCTGAAGACCTAGAAAAGGCCCTGGAGCTCACTGGTT  
 TAAAAGTGTGGCAATGAAATTAACCTAGAAAACCAAAAAGGAGATAGTAAGAAAGTTTCGAGCTGC  
 AAGAACACTTTTAGCCAAAACCTCTCTTTCAACATCACTGAGGATGAATTAAGAAGTGTGGTGAAGAT  
 GCTGTGGAGATCAGATTAGTCAGCCAGGATGGGAGAAGTAAAGGGATTGCTTATATTGAATTTAAGTCTG  
 AGGCTGATGCAGAGAAAACTTGAAGAAAAGCAGGGGCGAGAAATGATGGACGGTCTGTTTCACTCTA  
 CTACACTGGAGAGAAAGGACAAAGGCAAGAGAGAACTGGAAGAATAGCACTTGGAGTGGTGAATCAAAG  
 ACTTTGGTTTTAAGTAACCTTTCTACAGTGCAACAGAAAGAACTTCAGGAAGTATTCGAGAAAGCAA  
 CCTTTATTAAGTGCCCCAGAACCCACATGGCAAATCTAAAGGGTATGCATTTATAGAATTTGCTTCATT  
 TGAAGATGCTAAAGAAGCTTTAAATTCCTGTAATAAAATGGAAATGAGGGCAGAAACATCAGGCTGGAG  
 TTGCAAGGACCCAGGGGATCACCTAATGCGAGAAGTCAGCCATCCAAAACCTGTTTGTCAAAGGTCTGT  
 CTGAGGATACCACTGAAGAGACCTTAAAAGAATCATTTGAGGGCTCTGTTGTCGCAAGAATAGTAACTGA  
 TCGGGAAACTGGTTCTTCTAAAGGGTTGGTTTTGTAGACTTTAATAGTGAGGAAGATGCCAAAGCTGCC  
 AAGGAGGCCATGGAAGATGGAGAAATGATGGAACAAAGTTACCTTGGACTGGGCCAAACCTAAGGGTG  
 AAGGTGGCTTTGGTGGTCGAGGTGGAGGCGAGGAGGTTTCGGAGGCAGAGGTGGTGGCAGAGGCCGGAAG  
 AGGCGGATTTGGCGGAAGAGGCCGGGAGGCTTTGGAGGCAGAGGAGGCTTCCGAGGCCGAGAGGAGGC  
 GGGGGAGACTTCAAGCCACAAGGAAAGAAGACGAAGTTTGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_012749  
**Insert Size:** 2145 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).

|                               |   |
|-------------------------------|---|
| <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>                | <u><a href="#">NM_012749.2</a></u> , <u><a href="#">NP_036881.2</a></u>   |
| <b>RefSeq Size:</b>           | 2501 bp   |
| <b>RefSeq ORF:</b>            | 2145 bp   |
| <b>Locus ID:</b>              | 25135   |
| <b>Cytogenetics:</b>          | 9q35  |
| <b>Gene Summary:</b>          | nucleolar-specific protein; involved in cell growth [RGD, Feb 2006]   |