

## Product datasheet for SC321272

### NUDC (NM\_006600) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NUDC (NM\_006600) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NUDC  
**Synonyms:** HNUDC; MNUDC; NPD011  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_006600.2  
 CGGCTCCGCTGCGGAAGGCGGACGACTAGAGTCGTTGGGCCCGCGACCCGCAGGAGC  
 GTAGAGAGCGCGGACTAGAGTGCAGAGCTCCGGGACGTGGATCGGAGCCGGCGCATGG  
 GCGGAGAGCAGGAGGAGAGCGGTTTCGACGGCATGTTGCTGGCCATGGCTCAGCAGCACG  
 AGGGCGGCGTGCAGGAGCTTGTGAACACCTTCTTCAGCTTCTTCGACGCAAAACAGACT  
 TTTTCATTGGAGGAGAAGAAGGGATGGCAGAGAAGCTTATCACACAGACTTTCAGCCACC  
 ACAATCAGCTGGCACAGAAGACCCGGCGGAGAGAAGAGAGCCCGCAGGAGGCCGAGCGGC  
 GGGAGAAGGCGGAGCGGGCGGCCAGACTGGCCAAGGAAGCAAGTCAAGAGACCTCAGGGC  
 CCCAGATCAAGGAGCTAACTGATGAAGAGGCAGAGAGGCTGCAGCTAGAGATTGACCAGA  
 AAAAGGATGCAGAGAATCATGAGGCCAGCTCAAGAACGGCAGCCTTGACTCCCCAGGGA  
 AGCAGGATACTGAGGAAGATGAGGAGGAAGATGAGAAGGACAAAGGAAAAGTGAAGCCCA  
 ACCTAGGCAACGGGGCAGACCTGCCAATTACCGCTGGACCCAGACCCTGTTCGGAGCTGG  
 ACCTGGCGGTCCCTTTCTGTGTGAACCTCCGGCTGAAAGGGAAGGACATGGTGGTGGACA  
 TCCAGCGCGGCACCTCCGGGTGGGGCTCAAGGGGCAGCCAGCGATCATTGATGGGGAGC  
 TCTACAATGAAGTGAAGGTGGAGGAGAGCTCGTGGCTCATTGAGGACGGCAAGGTGGTGA  
 CTGTGCATCTGGAGAAGATCAATAAGATGGAGTGGTGGAGCCGCTTGGTGTCCAGTGACC  
 CTGAGATCAACACCAAGAAGATTAACCTGAGAATTCAGCTGTGAGACCTGGACAGTG  
 AGACTCGCAGCATGGTGGAAAAGATGATGTATGACCAGCGACAGAAGTCCATGGGGCTGC  
 CAACTTCAGACGAACAGAAGAAACAGGAGATTCTGAAGAAGTTCATGGATCAACATCCGG  
 AGATGGATTTTTTCAAGGCTAAATTCAACTAGCCCTGTTTTTTTCTCCCTGAACTCTTG  
 GGGCTGAGCTGCAACCACCAACTTTCTTCCACTCTTCTCTGGGACTTGTGGGCTCA  
 GGGCTTGGGGCAGGCATGGGACTGGCCAGGCACACAGGTCCCGGGGCATCAGGAGAAAAG  
 GCTGGGTCTGGGACCTTGTCTCCCGAGTTGGCCTACTGTTACACATTAACGATTTG  
 CCCAGCTAAA  
 AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_006600
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_006600.2</a></u> , <u><a href="#">NP_006591.1</a></u>
<b>RefSeq Size:</b>	1397 bp
<b>RefSeq ORF:</b>	996 bp
<b>Locus ID:</b>	10726
<b>UniProt ID:</b>	<u><a href="#">Q9Y266</a></u>
<b>Cytogenetics:</b>	1p36.11
<b>Domains:</b>	Nuclear_move
<b>Gene Summary:</b>	This gene encodes a nuclear distribution protein that plays an essential role in mitosis and cytokinesis. The encoded protein is involved in spindle formation during mitosis and in microtubule organization during cytokinesis. Pseudogenes of this gene are found on chromosome 2. [provided by RefSeq, Feb 2012]