

## Product datasheet for **MC200006**

### **Npdc1 (NM\_008721) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Npdc1 (NM\_008721) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Npdc1  
**Synonyms:** AI314472; NPDC-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003320 sequence for NM\_008721  
CGCCTCCATCCCATCCCGGATCCATTGCCGCAACGTCAGCGCCACCGCCTCCTCTTTTCTTCTTCTCCT  
CCGCCCCCTCGCTTCCCGGCTTCTCCAGTCGCAGTTCCCGGAGTGGGTACCGAGCCCGGGCGGTGGGG  
TGCCATGCTGCCGGGTAGCGGGCTGAAGCATGGCGACGCCCGTCCCTCCGCCTTCCCGCGGCACCTG  
CGGCTGTACGGCTGCTGCTCTCCGGCCTCATCTGGGAGCGGCCCTGAATGGTGCCACCGCCCGCGCC  
CGGATGTACCACCTGTCTGGAAGCCTGGATTGTCACTGAAGAGGCGGGCAAAATGCCACCAGGGGC  
ACATGCCTGTGGACCATGCCTTCAGTCCTCCAGGAAGACCAGCGAGGGTTCTGTGTCCAAGGAAACAC  
CTATCTTCTGGGAGGGCCTGCCCCAGCCAGACTGGAAGAGGAGATCGATTCTTGCCAGGAAGTGG  
CACTGAAGGAGAAGGAGGCGGGCACTCAAGGCTGACCGCACAGCCCTTGCTTGAGGCTGCGCAGAAGCT  
CCTGGAGCCTGCAGCTACCCTGGGATTCTCACAGTGGGGTCAACGACTGGAGCCCGGGCTCCCCTACT  
CATGGAACCTCTCACCTATACCCATACTTCCCTTGAGTTCCCGAGCATCCTCTGGACCTGTGCAGATGT  
CCCCGCTGGAGCCCAGGGAAGGCATGGGAATGGCCTCACCTTGTGCTGATCCTGGCTTTCTGTAGC  
AAGCTCAGCCGCCCTGGCTGTGGCAGCCCTCTGCTGGTGTAGGCTTACGCGAGAGATCCGCTGACTCAG  
AAGGCTGACTATGCTGCCACAGCTAAGGGGCCACTTACCTTCAACACCACGAATCTCGCTGGGGATC  
AGCGGCTGGCACACAGTGTGATGATCATTATCAGCACCAGAGACAGCAGATGCTGTGCCTGGAGCG  
GCATAAGGAACCTCAAAGGAAGTAGAGTCAGTTCCTCCGATGAGGAAAATGAAGATGGCGACTTCACT  
GTGTATGAATGCCAGGCTGGCGCCAACAGGGGAGATGGAGGTGCGCAACCCACTGTTTGACCATTTCA  
CGCTGTCAGCACCAGTGCCTGGTCCCCATTCTTGCCCGCGCTGCAGTACTCTAGGCCACATGCCTG  
CAGCCCACAGCCCACAGTGGGACGAGCGAGTCTGGTGTCCCATGGAAAAGAGCAGCACTGTGACC  
CCGCGGGCTTTTGGCAGGAGGGAGGCGCCACCGCTGGAGTTCTTGCCAGGGAGATTCTCCGCCTTATG  
TGTTCTTTTAGCATCTGCTTGACATTCTGTCTGGTATGAACCCCTCAAAGTGGAGATCCAAGTCCAG  
GAACCCTAGAGCCCAGGCATGGATAGAGAGTTTGGAGACAAAAGCCAATTAAGTTTTTTTCAAACCTG  
TGAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_008721



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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>	<u><a href="#">BC003320</a></u> , <u><a href="#">AAH03320</a></u>
<b>RefSeq Size:</b>	1487 bp
<b>RefSeq ORF:</b>	999 bp
<b>Locus ID:</b>	18146
<b>UniProt ID:</b>	<u><a href="#">Q64322</a></u>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	Suppresses oncogenic transformation in neural and non-neural cells and down-regulates neural cell proliferation. Might be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]