

## Product datasheet for **SC108853**

### NPDC1 (NM\_015392) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NPDC1 (NM_015392) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPDC1
Synonyms:	CAB; CAB-; CAB-1; CAB1; NPDC-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108853 sequence for NM_015392 edited (data generated by NextGen Sequencing)

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ATGGCGACGCCGCTGCCCTCCGCCCTCCCCGCGGCACCTGCGGCTGCTGCGCTGCTGCTC
TCCGGCCTCGTCCTCGGGCCGCCCTGCGTGAGCCGCCGCCGGCCACCCGGATGTAGCC
GCCTGTCCCGGGAGCCTGGACTGTGCCCTGAAGAGGCGGGCAAGGTGTCTCCTGGTGCA
CATGCCTGTGGGCCCTGCCTTCAGCCCTTCCAGGAGGACCAGCAAGGGCTCTGTGTGCC
AGGATGCGCCGGCCTCCAGGCGGGGGCCGGCCCCAGCCAGACTGGAAGATGAGATTGAC
TTCCTGGCCAGGAGCTTGCCCGAAGGAGTCTGGACTCAACTCCGCCCTACCCAAG
GACCGACAGCGGCTCCCGGAGCCTGCCACCCTGGGCTTCTCGGCACGGGGCAGGGGCTG
GAGCTGGGCTCCCTCCACTCCAGGAACCCCCACGCCACGCCACACCTCCCTGGG
TCCCTGTGTATCCGACCCGGTGACATGTGCGCCCTGGAGCCCGGGGAGGGCAAGGC
GACGGCCTCGCCCTTGTGCTGATCCTGGCGTTCTGTGTGGCCGGTGCAGCCGCCCTCC
GTAGCCTCCCTCTGCTGGTGCAGGCTGCAGCGTGAGATCCGCCTGACTCAGAAGCCGAC
TACGCCACTGCGAAGGCCCTGGCTCACCTGCAGCTCCCCGGATCTCGCCTGGGGACCAG
CGGCTGGCACAGAGCGCGGAGATGTACCACTACCAGCACCAACGGCAACAGATGCTGTGC
CTGGAGCGGCATAAAGAGCCACCAAGGAGCTGGACACGGCCTCCTCGGATGAGGAGAAT
GAGGACGAGACTTACGGTGTACGAGTGCCCGGGCCTGGCCCCGACCGGGGAAATGGAG
GTGCGCAACCCTGTTCGACCACGCCGCACTGTCCGCGCCCTGCCGGCCCCAGCTCA
CCGCCTGCACTGCCATGA

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Clone variation with respect to NM\_015392.3



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_015392 unedited  GGTTGTCAAAATTTGTATACGACTCATATAGGGCGGCCGGAATCGGCACGAGCTGCGTC  CTCCCCGCTGCCCTCCGCTGCTCCCGACGCGGAGCCCGGAGCCCGCGCCGAGCCCTGGC  CTCGCGGTGCCATGCTGCCCCGGCGGGCGCTGAAGGATGGCGACGCCGCTGCCCTCCG  CCTCCCCGGGCACCTGCGGCTGCTGCGGCTGCTGCTCTCCGGCTCGTCTCGGCGCCG  CCCTGCGTGGAGCCGCCCGGCCACCCGGATGAGCCGCTGTCCCGGGAGCCTGGACT  GTGCCCCGAAGAGCGGGCAAGGTGCTCTCTGGTGCACATGCCGTGGGCCCTGCCTTC  AGCCCTTCCAGGAGGACCAGCAAGGGCTCTGTGTGCCAGGATGCGCCGGCTCCAGGCG  GGGCGCGCCCCAGCCAGACTGGAAGATGAGATTGACTTCTTGCCCGAGGACTTGCCC  GGAAGGAGTCTGGACTCAACTCCGCCCTACCAAGGACCGACAGCGGCTCCCGGAGC  CTGCCACCCTGGGCTTCTCGGCACGGGGCAGGGGCTGGAGCTGGGCTCCCTCCACTC  CAGGAACCCACGCCACGCCACACCTCCCTGGGCTCCCTGTGTCATCCGACCCGG  TGCACATGTGCCCTGGAGCCCGNGAGGGCAAGGCGACGGCTCGCCCTTGCTGA  TCCTGGCGTTCTGTGGCCGGTGCAGCCGNCCTCTCCGTAGCCTCCCTCTGCTGGTGA  NGCTGCAGCGTGAGATCCGNCTGACTCAGAAGGCCGACTACGCCACTGCGAAGGCCCTG  GCTCACCTGCAGTCCCCGGATCTCGNCTGGGGACCCAGCGCTGGCACAGAGCGCGGNAG  AGTACCACTACAGCACCAACG</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_015392 unedited  TATGGCCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTCTGAATGGACTTT  AATTGGCTTTTGTCTCTAGATTACCCACCCGTTCTGCGCTCTACGGTTCTCCATGCCCC  CTCCAGTTTGGGGTCTAAACCGAACAGGAGAGGTGCAGGGGACCAGGAGGTGCTCTGGC  ACAAGGTTTCGGGGTCTCCCTGGCAAGGGTCCAGGGCTGGAGCCCGAGGCCAGCC  AAAAGCACACAGCATCAAACATGTTTTAGTGGGAAGCTCCAGGCCCTGCCCTCCCCG  GGGGCCTCGAGGTTCGGGAGCAGGTGGGCGTCTGTCTGCCTCCAGGTCATGGCAGTGCA  GCGGTGAGCTGGGGCCGGCAGGGGCGCGGACAGTGCGGCGTGGTGAACAGAGGGTTGC  GCACCTCCATTTCCCGGTTCGGGGCAGGCCCGGGCACTCGTACACCGTGAAGTCTCCGT  CCTCATTTCTCATCCGAGGAGCCGTGTCAGCTCCTTGGGTGGCTCTTTATGCCGCT  CCAGGCACAGCATCTGTTGCCGTTGGTGTGTTAGTGGTACATCTCCGCGCTCTGTGCCA  GCCGCTGGTCCCCAGGCGAGATCCGGGGAGCTGCAGGTGAGCCAGGGGCTTCGCAAGTGG  CGTAGTCGGCCTTCTGAGTCAGGCGGATCTCACGCTGCAGCCTGCACCANANAGGGNAG  CTACGGAGAGGGCGGCTGCACCGCCAACAGAACGCCAGGATCAGCACAAAGGGCGAGGCC  GTCGCTTGCCTTCCCGGGCTCCAGGGCGACATGTGCACCGGGTCCGGATGACACAGGG  ACCCANNNAGTGTGGGCGTGGCTGGGGTTCTGAATGGAAGGGAGCCAACCTCCAGC  CTTGCCCGTGCCGAAACCAGGGGAGCTCCGGACCCTGCGTCTGGGTAGGGCCGATTAAT  GCCGATCCTCCGCA</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_015392
<b>Insert Size:</b>	3660 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_015392.2</a> , <a href="#">NP_056207.2</a>
<b>RefSeq Size:</b>	1554 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	56654
<b>UniProt ID:</b>	<a href="#">Q9NQX5</a>
<b>Cytogenetics:</b>	9q34.3
<b>Protein Families:</b>	Transmembrane
<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 (By similarity). [UniProtKB/Swiss-Prot Function]