

Product datasheet for RN201721

Npdc1 (NM_001004231) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Npdc1 (NM_001004231) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Npdc1
 Synonyms: MGC94179
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201721 representing NM_001004231
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACGCCGTCCTCCGCCTTCCCGCGGCACCTGCGGCTGCTGCGGCTGCTGCTCTCCGGCCTTA
 TTCTGGGAGCGGCCCTGAATGGTGCCACCGCCCGCCCGGATGCTCCACCTGCCCTGGAAGCCTGGA
 TTGTGCACTGAAGAGGGCGGCAAAGTGCCACCAGGGGCACATGCCTGCGGACCATGCCTTCAGTCCTTC
 CAGGAGGACCAGAGAGGGGTCTGTGTGCCGAGGAAGCACCAATCTTCTGGGAGGGCCTGCCACGCCA
 GACTGGAAGAGGAGATCGATTCTCTGGCCCGGAGCTGGCACTGAAGGAGAAGGAGGCTGGGCACCCAAG
 GCTCACAGCACAGCCCTTGCTGAGGCTTCCCAGAAGCTCCTGGAACCTGCAGCTACCCTGGGATTCTCA
 CAGTGGGGTCAACAACCTGGAGCCTGGCCTCCCCTCTACTCACGGAACCTTTCGCCCACACCCACACCT
 CCTTGAGCGCCCGGGCATCCTCTGGGCCTGTGCAGATGTCCCGCTGGAGCCTCAAGGCCGTGAAATGG
 CCTCGCCCTTGTACTGATCCTGGCGTTCTGCTTGGCAAGCACAGCTGCACTGGCTGTGGCAGCCCTG
 TGGTGTAGGCTTCAGCGAGAGATCCGCCTGACTCAGAAGGCTGACTACACTGCCACAGCCAAGGGGCCCA
 CTTACCAACAACACCACGAATCTCGCCCGGGACGAGCGTCTGGCGCATAGCGCAGAGATGTATCATT
 TCAGCACCAGAGACAGCAGATGCTGTGCCTGGAGCGGCATAAAGACCCTCAAAGGAACTGGAGTCAGCC
 TCCTCCGATGAGGAGAATGAAGATGGTGACTTCACTGTGTACGAGTGCCAGCCCTGGCGCCAACAGGGG
 AGATGGAGGTGCCAATCCACTGTTTGACCATTCACGCTGTGACGACCAAGTGCCTGGTCCCCATTCTCT
 ACCACCACTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001004231
Insert Size:	996 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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001004231.1</u> , <u>NP_001004231.1</u>
RefSeq Size:	1386 bp
RefSeq ORF:	996 bp
Locus ID:	296562
Cytogenetics:	3p13
Gene Summary:	human homolog regulates retinoic acid mediated signaling; plays a role in regulation of neuronal cell proliferation [RGD, Feb 2006]