

## Product datasheet for RN211297

### Ndn (NM\_001008558) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ndn (NM\_001008558) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ndn  
**Synonyms:** MGC105768  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN211297 representing NM\_001008558  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGAACAAAGTAAGGACCTGAGCGACCCTAACTTTGCCGCTGAGGACCCCGACTGAGATGCAGG  
 TCAGCGATGCTGTTCCGGTGGGGTCCCTCCTCCCGCTCCTGGCCGCGAACCTCTCAGGGCCATCGTG  
 CGCTCCGGAAGGCCCTATGGCAGCCCCACAGGCCCTGCCACCACCTGCAGAACGGTTTGAAGAGGTTGAC  
 CCTAAGATCCTGCAGCAGGCCGAGAAGAGGGCCGCGCCACCAGCCCCAGAGCCAGCCCGGCCGATCC  
 CAGCACCGCCGGCCCTGCCAGCTGGTGAGAAGGCGCAGAGCTCATGTGGTACGTGTTGGTCAAGGA  
 CAGAAGAGGATGGTCTCTGGCTTCCAGACATGGTGAAGAGGTCATGGGCAGCTACAAGAAGTGGTGC  
 AGAAGCATCCTCAGGCGCACCAGCGTCATCCTCGCCAGAGTTTTCGGGCTGCACCTGAGGCTGACCAATC  
 TCCACACCATGGAGTTCGCCCTGGTCAAAGCACTCAGCCCAGAAGAGCTGGACAGAGTCGCGCTGAACAA  
 CCGTATGCCCATGACAGGTCTCCTGCTCATGATCCTGAGTCTCATCTATGTGAAGGGCCGCGGGCCAGA  
 GAGGGTGCGGTCTGGAATGTGCTGCGCATCCTGGGGCTGAGGCCCTGGAAGAAGCACTCCACCTTCGGAG  
 ATGTGAGAAAGATTATCACCGAGGAGTTCGTCCAGCAGAATTACCTGAAGTACCAGCGTGTGCCCCACAT  
 CGAGCCTCCCGAGTACGAGTCTTCTGGGGCCCCAGAGCTAACCGTGAATCACCAAGATGCAGATCATG  
 GAGTTCCTGGCCAGAGTCTTTAAGAAGGATCCCCAGGCTTGGCCCTCCCGCTACAGAGAGGCTCTGGAG  
 AGGCCAGAGCTCTCGGGAGGCTAATCTGTGCGCCAGGCCCCCGCAGCAGTGTCTCTGAGGAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001008558



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**Insert Size:** 978 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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:**

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:** [NM\\_001008558.1](#), [NP\\_001008558.1](#)

**RefSeq Size:** 1634 bp

**RefSeq ORF:** 978 bp

**Locus ID:** 308690

**Cytogenetics:** 1q22