

Product datasheet for **RN201664**

Dnm2 (NM_013199) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnm2 (NM_013199) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnm2
Synonyms:	DYIIAAB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201664 representing NM_013199
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAACCGGGGATGGAAGAGCTCATCCCGCTGGTTAAACAAGCTGCAGGACGCCTTCAGCTCCATCG
 GTCAGAGCTGCCACCTGGACCTGCCGAGATCGCCGTGGTGGGCGCCAGAGCGCCGCAAGAGTTCGGT
 GCTCGAGAACTTCGTGGGCCGGGACTTCCTTCCACGAGGATCAGGAATTGTCACCCGGAGGCCTCTCATT
 CTGCAGCTCATCTTTCCAAAACAGAATATGCGGAGTTTTTGCAGTCAAGTCCAAAAAGTTTACAGACT
 TTGATGAAGTCCGGCAGGAGATCGAAGCAGAGACTGACCGGGTACAGGCACCAACAAAGGCATCTCCCC
 GGTGCCCATCAACCTTCGGTCTATTACCACACGTGTTGAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
 ACTAAGGTGCCAGTTGGGACCAGCCACCAGACATCGAGTACCAGATCAAGGACATGATCCTGCAGTTTA
 TCAGCCGGGAGAGCAGCCTCATTCTTGCCGTACACCTGCCAACATGGACTTGGCCAACCTCGGATGCCCT
 CAAGCTGGCCAAGGAGGTGGACCCCAAGGCTTGGGACCATTGGTGTCAACCAAGCTAGACCTGATG
 GATGAAGGCACAGATGCCAGGGATGTCTGGAGAACAGCTCCTGCCCTTGAGAAGAGGCTACATCGGGC
 TGGTTAACCGCAGCCAGAAAGACATCGAGGGCAGAAAGGACATCCGGGCAGCTCTGGCAGCTGAGAGGAA
 ATTCTTCTCTCCACCCAGCCTACCGGCACATGGCTGACCGCATGGGTACCCACACTTGCAAAAAACA
 CTGAACCAGCAACTGACCAACCACATCCGGGAGTCACTGCCAACCTGCGCAGCAAGCTGCAGAGCCAAC
 TGCTGTCCCTGGAGAAGGAAGTGAAGAGTACAAGAATTTCCGGCCTGACGACCCACACGCAAGACCAA
 AGCCCTGCTGCAGATGGTCCAGCAGTTTGGAGTGGACTTGGAGAAGCAATCGAAGGCTCTGGAGATCAA
 GTCGACACCCTGGAGCTGTCTGGGGCGCCCGCATCAATCGCATCTTCCACGAGCGCTTCCCTTTGAGC
 TGGTGAAGATGGAGTTTACGAGAAAGACCTCCGAAGAGAGATCAGCTACGCCATTAAGAACATCCACGG
 AGTCAGAACTGGGCTCTTACGCCGGATTGGCGTTTCAGGGCCATTGTGAAAAAGCAGGTGGTCAAGCTG
 AAAGAGCCCTGTCTGAAATGCGTGGACCTGGTTATCCAGGAGCTAATCAGTACAGTTAGGCAATGCACCA
 GCAAGCTCAGTTCCTACCCCGCCTTCGAGAGGAGACCGAACGCATTGTCACCACCTACATCAGGGAGCG
 AGAAGGGAGAACCAAGGACCAGATCCTTCTTCTGATTGACATTGAGCAGTCTACATCAACACAAACCAT
 GAAGACTTCATTGGATTTGCCAATGCCAGCAGAGGAGCAGCAGCTGAACAAGAAGAGGGCCATACCTA
 ACCAGGGGAGATCTTGGTGATCCGACGGGCTGGTTGACCATCAACAACATCAGCTTGATGAAAGGCGG
 TTCCAAGGAGTACTGGTTCGTGCTGACTGCTGAGTCGTTGTCTTGGTACAAGGATGAAGAGGAAAAAGAA
 AAGAAGTACATGTGCCACTAGACAACCTCAAAATACGGGATGTGGAGAAGGGCTTCATGTCCAACAAGC
 ATGTGTTTGCCATCTTCAACACAGAGCAGAGGAACGTCTACAAGGACCTGCGACAGATCGAACTGGCTTG
 TGACTCCAGGAAGATGTGGACAGCTGGAAGGCTTCGTTCTGCGAGCTGGGGTCTACCCAGAGAAGGAC
 CAGGCAGAGAACGAGGATGGAGCACAAGAGAACACCTTCTCCATGGACCCGACAGTGGAGCGGCAGGTGG
 AGACCATCCGCAACTTGGTGGACTCCTATGTGGCCATCATCAACAAGTCCATCCGGGACCTCATGCCAAA
 GACCATCATGCACCTCATGATCAACAACACAAAGGCTTCATCCACCATGAGCTGCTAGCCTACCTGTAC
 TCATCAGCAGACCAGAGCAGCCTCATGGAGGAGTCACTGAGCAGGCTCAGCGGGGGACGATATGCTGC
 GCATGTACCATGCACTCAAGGAAGCGCTCAACATCATTGGGACATCAGCACCAGCACCCTGTCCACGCC
 TGTGCCCCACCTGTGATGATACTTGGCTCCAGAACCAGCAGCCACAGCCCCACTCCACAGCGCAGA
 CCTGTGTCCAGTGTGACCCCGGGCCGCCACCCGAGTGGGGGCCACACCCGGGGCTCCCTCA
 TTCTATGCCTGTGGGGCCACATCCTCCTTCTCGGCACCCCATCCATCCCGGCTGGACCACAGAA
 TGTGTTTGCCAACAATGACCCCTTCTGCGCCACCTCAGATACCGTCTCGGCCAGCAGGATTCCCTCT
 GGGATCCCTCCAGGAGTCCCGCAGAGAAGAGCGCCGCTGCGCCAGCCGGCCACCATTATCCGCCAG
 CCGAGCCGTCCCTGCTCGACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013199
Insert Size: 2613 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:	NM_013199.1 , NP_037331.1
RefSeq Size:	3463 bp
RefSeq ORF:	2613 bp
Locus ID:	25751
UniProt ID:	P39052
Cytogenetics:	8q13
Gene Summary:	involved in the formation of clathrin-coated vesicles; plays a role in receptor mediated endocytosis including endocytosis of AT1A angiotensin receptors [RGD, Feb 2006]