

## Product datasheet for **RN210360**

### **Dnm3 (NM\_138538) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnm3 (NM_138538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnm3
Synonyms:	dynammin-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210360 representing NM\_138538  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGGAACCGGGAGATGGAAGAACTGATCCCTCTGGTGAACCGTCTGCAGGACGCTTTCTCGGCTCTGG  
 GACAGAGCTGTCTGCTGGAGCTGCCACAGATCGCCGTGGTGGGCGCCAGAGCGCCGCAAGAGCTCAGT  
 GCTCGAGAACTTCGTGGGCAGGGACTTTCTTCCCTCGAGGCTCGGGCATTGTGACCAGACGACCTCTTGTA  
 CTCACGCTTGTCACCTCTAAAGCAGAATATGCCGAGTTTCTACATTGCAAAGGAAAAAATTTACAGATT  
 TTGATGAAGTTCGCCACGAGATCGAAGCAGAAACGGACCGAGTAACAGGAATGAATAAAGGCATCTCCTC  
 TGTACCCATTAACCTGCGAGTCTACTCTCCCCACGTGTTAAACCTAACGCTAATCGACCTACCTGGAATA  
 ACGAAAGTGCCCGTGGGAGACCAGCCGACAGATTTGAGTATCAGATCAGAGATATGATTATGCAGTTCA  
 TCACCAGGGAGAACTGTCTGATTTTGGCTGTCACACCAGCCAACCCGATCTTGCGAACTCAGATGCCCT  
 GAAGCTAGCCAAAGAAGTCGATCCTCAAGGCCTGAGGACCATTTGGCGTTATCACCAGCTGGATCTCATG  
 GATGAAGGGACGGATGCCAGGGATGACTAGAGAAACAAGCTGCTACCTCTCCGCAGGGGGCTATGTGGGGG  
 TGGTCAACCGAAGCCAGAAGGACATAGATGGAAGAAGGACATTAAAGGCAGCTATGCTGGCAGAAAGGAA  
 ATTTTTTCTCTCATCCAGCATATAGACACATTGCTGATCGGATGGGGACCCACACCTCCAGAAGGTC  
 CTGAATCAGCAACTTACCAACCATATCCGAGATACCTGCCCACTTCAGGAACAAGCTACAGGGGCAGC  
 TGCTCTCCATAGAACATGAAGTAGAAGCCTTCAAAAACCTCAAACCGGAAGACCCCAAGGAAGACCAA  
 AGCACTGCTACAGATGGTCCAACAGTTCGCTGTGGACTTTGAGAAGAGAATCGAAGGGTCGGGGGATCAA  
 GTAGACACGTTAGAGCTCTGTGGCGTGCTAAGATCAATCGCATTTTCCACGAGCGCTTTCTTTTGAGA  
 TAGTGAAGATGGAGTTCAATGAGAAAGAACTGAGAAGAGAAAATAAGCTATGCAATCAAAAACATACACGG  
 GATCAGGACAGGGTTGTTTACTCCAGACATGGCGTTTGAGGCAATAGTCAAAAAACAGATAGTAAAACTG  
 AAAGGGCCTTCTTTGAAGAGTGTGGACCTGGTGTGTCAGGAACTGATCAACACGGTGAAGAAGTGCACCA  
 AGAGGCTGGCCAACCTTCCCAGACTTTGTGAAGAAACAGAAAGGATTGTTGCTAACACATCCGTGAGCG  
 AGAAGGAAAGACCAAGGACCAGGTCTGCTACTGATTGACATTCAAGTCTTTACATTAACCAACCAT  
 GAGGACTTCATCGGCTTTGCAAATGCTCAGCAGAGAAGCAGTCAGGTTTACAAGAAAAGCACAATTGGAA  
 ATCAGGGAACCAATCTTCGCTTCAAGGCAAATTGTGATTGGGAAGGGCTGGTACCGTCAGCAACAT  
 TGGCATCATGAAAGGAGGCTCGAAGGGCTACTGGTTTGTCTCACGGCAGAAAGCTTGTCTGGTATAAA  
 GACGATGAGGAGAAAGAAAAGAAGTATATGCTTCCACTGGACAACCTGAAAGTCCGGGACGTGGAGAAAG  
 GCTTCATGTCCAGCAAGCACGTCTTCGCACTTCAACACAGAAACAAAGGAATGTCTACAAGACTATCG  
 TTCCCTGGAGCTGGCCTGTGATTTCCAGGAGGATGTGGACAGCTGGAAGGCGTCTCTGCTCAGAGCTGGC  
 GTCTATCCAGACAAGTCTTTTACTGAAAATGATGAAAATGGACAAGCAGAAAACCTTCTCCATGGACCCGC  
 AGTTGGAGAGGCAAGTGGAGACTATTCGCAACCTCGTAGACTCCTACATGTGATAATCAACAAATGCAT  
 CCGAGACCTAATCCAAAAACAATAATGCACCTTATGATCAATAATGTTAAAGACTTCATCAACTCTGAA  
 CTCCTAGCACAGCTCTACTCCTGAGGACCAGAACACACTAATGGAAGAATCCGTGGAGCAGGCTCAGC  
 GCCGGGATGAGATGCTCCGGATGTACCAAGCCCTGAAAGAAGCCCTCGCGATCATTGGCGACATCAACAC  
 GGTCACTGTGTCACCCACCCACCTCCAGTAGATGACTCCTGGCTCCAGCATTCCAGAAGGTACCT  
 CCTCCAAGCCCAACCCAAAGAAGGCTGACTCTAAGTGTCCCTCCCGAGGCCCGCATAGCCGTG  
 GACCAGCTCCTGCCATTCCCTCTCCAGGCCCCACTCTGGGGCTCCCCAGTCCCATTCCGTCCAGGCC  
 ATTACCTCCTTTTCCCAACAGCAGTACTCCTACGGAGCCCTCCACAGTTCCATCCAGGCCCAAGG  
 GCACCCCCAGTGTTCAGCCGGAGGCCACCCCATCACCAACTCGCCCACTATAATCCGTCCACTAG  
 AGTCTCACTGTTAGACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_138538

<b>Insert Size:</b>	2610 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_138538.1</a> , <a href="#">NP_612547.1</a>
<b>RefSeq Size:</b>	3252 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	171574
<b>UniProt ID:</b>	<a href="#">Q08877</a>
<b>Cytogenetics:</b>	13q22
<b>Gene Summary:</b>	putative dynamin GTPase; may be involved in endocytosis [RGD, Feb 2006]