

## Product datasheet for **SC326261**

### **Dynamin 3 (DNM3) (NM\_001136127) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dynamin 3 (DNM3) (NM_001136127) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNM3
Synonyms:	Dyna III
Vector:	<u><a href="#">pCMV6 series</a></u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001136127, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAACCGGGAGATGGAGGAGCTGATCCCCTGGTGAACCGTCTGCAGGACGCGTTT
TCGGCGCTGGGACAGAGCTGCCTGCTGGAGCTGCCGCAGATCGCCGTGGTGGGCGGCCAG
AGCGCCGCAAGAGCTCGGTGCTCGAGAATTCGTGGGCAGGGACTTTCTCCCTCGAGGG
TCGGGCATTGTAACAAGACGACCTCTTGTGCTGCAGCTTGTACTTCTAAAGCAGAAAT
GCCGAGTTTCTACATTGCAAAAGGAAAGAAATTTACAGATTTTGATGAAGTTCGCCTTGAG
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AATTTACGAGTCTATTCCCCACACGTGTTAAATCTAACCCATTATTGATCTACCTGGAATA
ACTAAAGTGCCTGTGGGAGATCAGCCACCAGATATCGAGTATCAGATCAGAGAAATGATT
ATGCAGTTCATCAGGAGGAGAAGTGTCTGATTTTAGTGTACTCCAGCCAACACTGAT
CTTGCAAACCTCAGATGCGCTGAAGCTAGCTAAAGAAGTTGATCCTCAAGGTCTGAGAACC
ATTGGAGTTATCACCAAACCTGGACCTTATGGATGAAGGAACGGATGCCAGGGATGTTCTA
GAGAACAACCTGTTGCCCTTTCGACGGGGTTACGTGGGGTGGTAAACAGAAGCCAGAAG
GACATAGATGGGAAGAAGGACATAAAGGCAGCCATGCTGGCAGAGAGGAAGTTTTCTCTT
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CTTAATCAGCAACTTACCAACCACATTCGGGATACCCTACCAAACCTCAGGAACAACTA
CAGGGACAGTTGCTCTCCATAGAACATGAAGTAGAAGCCTACAAAAATTTCAAACCGAA
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CAGAGGAGCAGTCAGGTTCAAGAAAACCACAGTTGGAATCAGGTGATTGCAAGGGG
TGGCTCACCATCAGCAACATTGGCATCATGAAAGGCGGCTCGAAGGGATACTGGTTCGTC
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ATGGACCACAAATGGAGAGGCAAGTGGAGACCATTGCAACCTCGTAGACTCCTACATG
TCCATTATCAACAAATGTATCCGAGATCTAATTCAAAAACAATAATGCACCTTATGATC
AATAACGTTAAAGATTTCAATAATTCAGGCTCCTAGCACAGTTGATTTCTTTCAGAGGAC
CAAAATACCCTGATGGAGGAATCTGCTGAGCAGGCTCAGCGCCGGGATGAGATGCTTCGA
ATGTATCAAGCACTGAAAGAAGCCCTTGGGATAATTGGGGACATCAGCACAGCCACCGTG
TCCACTCCGGCACCCCTCCAGTGGATGACTCCTGGATACAGCACTCTCGCAGGTACCT
CCTCCAAGCCCCACAACCAAGGAGGCCAACACTAAGTCTCCCTCGAAGGCCACACA
TCCGGCCGAGGACCAGCTCCTGCCATTCCCTCTCTGGCCCCACTCTGGGGCTCCTCCA
GTCCCATTCCGTCCAGGCCATTACCTCCTTTCCCAGCAGCAGTACTCCTTCGGAGCC
CCTCCACAAGTTCATCTAGGCTACGAGGGCCCCGCCAGTGTCCAAGCCGGAGACCA
CCCCATACCAACTCGTCCACTATAATCCGCCACTAGAATCCTCCCTGTTAGAC

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001136127

<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<u><a href="#">NM_001136127.1</a></u> , <u><a href="#">NP_001129599.1</a></u>
<b>RefSeq Size:</b>	7647 bp
<b>RefSeq ORF:</b>	2580 bp
<b>Locus ID:</b>	26052
<b>UniProt ID:</b>	<u><a href="#">Q9UQ16</a></u>
<b>Cytogenetics:</b>	1q24.3
<b>Protein Pathways:</b>	Endocytosis, Fc gamma R-mediated phagocytosis
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of guanosine triphosphate (GTP)-binding proteins that associate with microtubules and are involved in vesicular transport. The encoded protein functions in the development of megakaryocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>