

Product datasheet for **SC210509**

Dynamin 2 (DNM2) (NM_004945) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Dynamin 2 (DNM2) (NM_004945) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DNM2
Synonyms: CMT2M; CMTDI1; CMTDIB; DI-CMTB; DYN2; DYNII; LCCS5
ACCN: NM_004945
Insert Size: 886 bp
Insert Sequence: >SC210509 3'UTR clone of NM_004945
 The sequence shown below is from the reference sequence of NM_004945. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCCCAGCCGAGCCATCCCTGCTCGACTAGGCCTCGAGGGGGCGTGCTCTCGGGGGGCCCTCACGCAC
CCGCGGCGCAGGAGCTTCAGTGGTCTGGGGCCCTCCGCCGCCCTATGCTGGGACCAGGCTCCCAGTGG
GCAGCCCTGGCCTCTTCTTAACGCTGGCCCCGGTCCAGGGCCGCCCTGTGCCTGGCTGGACACCGC
ACTGCGCAAAGGGGCCCTGGAGTCCAGGCAGGGGGCGCTGGGGTGTGCACTTTGGGGGATGGAGTCT
CAGGGTGGCAGAGGGGGACCAGAACCCCTTGACACCATCCTGAATGAGGGGTCCAGCCTGGGGGGGACT
CTACCAAGGTCTTCTTGGGCTGGGAAAGCCCATGTAGGGCAGGCCTTCTATAAGTGGGGACCAAGGG
CGCCTACATCCCCAGGCCTTGTGGGTGCAGGGGTATATCAACTCCCATTAGCAGGAGCTCCCCAGC
GGCAAGCCTGGCCAGTGGGCTCGGTAGTGCAGCTGGCAGGCCTGAGGTGTACATAGTCCTTCCCGG
CCATATTAACCACACAGCCTGAGCCTGGCCAGCCTCGGCTGCCAGAGGTGCCTTTGCTAGGCCCGGAG
CCGTTGGCCCGGGCCGGCCTTGCCTATTCCTCTCCTCCTCCTCCTGGGTCCCCAGGGTGGCTGG
GCTTGGGCTATGTGGTGGTGGTGGCGGGGGTCTTGGGGCCTCTCAGCTCCCGCCCATGCCTCCCTG
ATGGGTGGGCCAGGGCGGCCTCTCTGAGGAGACCTCACCCACTCCTCGCTCAGTTTGACCACTGTA
AGTGCCTGCACTGTATTCTATTAATAAACTAAAATAAAGGGAAGACGCTGCTGGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_004945.4
Summary:	Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined. [provided by RefSeq, Jun 2010]
Locus ID:	1785
MW:	30.3