

## Product datasheet for **SC207172**

### Dynamin 1 (DNM1) (NM\_004408) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Dynamin 1 (DNM1) (NM\_004408) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DNM1  
**Synonyms:** DEE31; DNM; EIEE31  
**ACCN:** NM\_004408  
**Insert Size:** 560 bp  
**Insert Sequence:** >SC207172 3'UTR clone of NM\_004408  
The sequence shown below is from the reference sequence of NM\_004408. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGAGCCCCAGGCCCCCTTCGACCTCTAACAGATCCCTCTCTCGGAGACCTCCCTTCCAAGC
CTGCCTGGACGGCTGTTCTGTGACTTGACAGTGGCTCCCCAGCCCCAAAGCCAGCCCCCTCATCTGT
GACTTAATCTGTTGTAGTGGTGAGCTGATACATTCAGGTGTGACCGTTGGTGAAAATTGTGCCCTTC
TGTGGTATGCCCTTGCCCTGTTCTATAAATATCTATAAATACTCATATATACACACCTACACATGGC
CAACCGCCTCGCCTCTAGCGCTGGGAATCAGTCACTGTGCTATCCTTGTGGAGTCTTGTGGCCAACTA
CCAGAGAACGCTGTCCCCGACATCCCCTCCAAAGTGTGCCACCTCCAGTGAGCCTCCTTGTGCATGCC
CGGCCTGTGGACAGCCAGCCCCGCCATCCCTCCACCCCTACCAAGCATGGGGTGTGTGCAGGCA
GCCGTGTGGCCTGACAGTTTCTACCAGTCTGCTGCCCTCGGCTGAGAATAAAACCCATTTCTGGATG
ATGGGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).

**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.



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RefSeq: [NM\\_004408.4](#)

**Summary:** This gene encodes a member of the dynamamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Locus ID:** 1759

**MW:** 20.3