

## Product datasheet for **SC206882**

### **BIN1 (NM\_139349) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** BIN1 (NM\_139349) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** BIN1  
**Synonyms:** AMPH2; AMPHL; CNM2; SH3P9  
**ACCN:** NM\_139349  
**Insert Size:** 524 bp  
**Insert Sequence:** >SC206882 3'UTR clone of NM\_139349  
 The sequence shown below is from the reference sequence of NM\_139349. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCGAGAATTTCACTGAGAGGGTCCCATGACGGCGGGGCCAGGCAGCCTCCGGCGTGTGAAGAACAC
CTCCTCCCGAAAAATGTGTGGTCTTTTTTTGTTTTGTTTTCGTTTTTCATCTTTGAAGAGCAAAGG
GAAATCAAGAGGAGACCCCGAGGAGGGCGTTCTCCCAAAGATTAGTTCGTTTTCCAAGAGCCGC
GTCCCGGCAAGTCCGGCGGAATTCACCAAGTGTCTGAAGCTGCTGTGCTCTAGTTGAGTTTCTGGC
GCCCTGCCTGTGCCCGCATGTGTGCCTGGCCGAGGGCGGGGCTGGGGCTGCCGAGCCACCATGCTT
GCCTGAAGCTTCGGCCGCGCCACCCGGCAAGGGTCTCTTTTCTGGCAGCTGCTGTGGGTGGGGCC
AGACACCAGCCTAGCCTGGCTCTGCCCCGAGACGGTCTGTGTGCTGTTGAAAATAAATCTTAGTGTT
CAAAACAAAATGAAACAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.

**RefSeq:** [NM\\_139349.3](#)



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**Summary:**

This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact with dynamin, synaptojanin, endophilin, and clathrin. Isoforms that are expressed in muscle and ubiquitously expressed isoforms localize to the cytoplasm and nucleus and activate a caspase-independent apoptotic process. Studies in mouse suggest that this gene plays an important role in cardiac muscle development. Alternate splicing of the gene results in several transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described. [provided by RefSeq, Mar 2016]

**Locus ID:**

274

**MW:**

19.6