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Product datasheet for SC206750

BIN1 (NM_004305) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BIN1 (NM_004305) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BIN1
Synonyms:	AMPH2; AMPHL; CNM2; SH3P9
ACCN:	NM_004305
Insert Size:	524 bp
Insert Sequence:	>SC206750 3'UTR clone of NM_004305 The sequence shown below is from the reference sequence of NM_004305. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCGAGAACTTCACTGAGAGGGTCCCATGACGGCGGGGCCCAGGCAGCCTCCGGGCGTGTGAAGAACAC CTCCTCCCGAAAAATGTGTGGTTCTTTTTTTTGTTTTGTTTTCGTTTTTCATCTTTTGAAGAGCAAAGG GAAATCAAGAGGAGACCCCCAGGCAGAGGGGCGTTCTCCCAAAGATTAGGTCGTTTTCCAAAGAGCCGC GTCCCGGCAAGTCCGGCGGAATTCACCAGTGTTCCTGAAGCTGCTGTGTCCTCTAGTTGAGTTTCTGGC GCCCCTGCCTGTGCCCGCATGTGTGCCTGGCCGCAGGGCGGGGCTGGGGGCTGCCGAGCCACCATGCTT GCCTGAAGCTTCGGCCGCGCCACCCGGGCAAGGGTCCTCTTTTCCTGGCAGCTGCTGTGGGTGGGGCCC AGACACCAGCCTAGCCTGGCTCTGCCCCGCAGACGGTCTGTGTGCTGTTTGAAAATAAATCTTAGTGTT CAAAACAAAATGAAACAAAAAAAAAATGATAAAAACTCTCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_004305.4

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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