

## Product datasheet for **SC206873**

### MAP1LC3A (NM\_181509) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MAP1LC3A (NM\_181509) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MAP1LC3A  
**Synonyms:** ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3  
**ACCN:** NM\_181509  
**Insert Size:** 477 bp  
**Insert Sequence:** >SC206873 3'UTR clone of NM\_181509  
The sequence shown below is from the reference sequence of NM\_181509. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
TACGCCTCCAGGAAACCTTCGGCTTCTGAGCCAGCAGTAGGGGGGCTCGGCCTGGGAGTCGGGCGGCC  
CCGGTCAGGCCCTGCCAGAGAGCTCCTGGTTCCTGAAGTGCCTCTACCGTGGTGGGCTGGGCA  
GGCATGTGCCCCCTAGTCAGAGGGCACCAACCCACCTACTCTGCCCTGGGTGGATCCTGGGCCGGTC  
GTGTTAGGGTTGTCCCTCTGGGTGCTGGCTGGTGGGATGGGGGAGGGTGGGAGCAGCTCCCAGCACCC  
CTGCTGTGTGGTTCATCTTTTTTTAGGCCCTGCCTGTCTGCCATCTGCCCTCACCCACCCGAGGC  
TCTGCCACCCGCTGGACCTGCCACCCCTGAAAGACTGGCCCTGGCTCCCGCCCTCGGTCTCCAC  
GTGGTGTATGGATCTGTGGTCATTGTCCCTCTGCAGAATAAAGATTGCTCAGGCCTGCCTGGC  
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
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\\_181509.3](#)



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**Summary:**

MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis. [provided by RefSeq, Feb 2012]

**Locus ID:**

84557

**MW:**

16.4