

## Product datasheet for **SC216044**

### LC3B (MAP1LC3B) (NM\_022818) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	LC3B (MAP1LC3B) (NM_022818) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAP1LC3B
Synonyms:	ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a
ACCN:	NM_022818
Insert Size:	1707 bp



[View online »](#)

**Insert Sequence:** >SC216044 3'UTR clone of NM\_022818  
The sequence shown below is from the reference sequence of NM\_022818. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGACGTTCGGGATGAAATTGTCAGTGTAAACCAGAAAAATGCAGCTCTTCTAGAATTGTTAAACC
CTTACCAAGGAAAAAAGGGATGTTACCAACTGAGATCGATCAGTTCATCCAATCACAGATCATGAAA
CAGTAGTGTCCACCTAGGAGTGTAGGAAGTTGTGTTGTGTTCAAGCAGAAAAACTGAGCTCCAA
GTGAGCACATTGAGCTTTGGAACTATATTATTTAATGTAGGCTAGCTTGTTCAAATTTTAAAGTT
TAAAAATAAAATACTTTGCATTCTAAGTTGCCAATAAAATAGACCTTCAAGTTATTTAATGCTCTTTT
CTCACTAATAGGAACTTGAATTCAGCAGTAATTTAAAGGCTTTCAGAGAGACCCTGAGTCTTCTCTT
CAGGTTACAAAAACCCGCCCTTTTGGGTAGAAGTTTCTACTCAGCTAGAGAGATCTCCCTAAGAG
GATCTTTAGGCCTGAGTTGTGAAGCGCAACCCCGCAAAACGCATTTGCCATCACAGTTGGCACAACG
CAGGGTAAACGGGCTGTGTGAGAAAAACGCCCTGACTGTAAGCTGCTGAAGGTCCCTGACTCCTAAGAG
AACCCACCCAAAGTCTCACTCTTGCAGGGGTAGACATTTCTGGTTTGGTTTGTCTCTAGATAGTTA
CACACATAAAGACACCACTCAAAGGAACTTGAATAATTTATAATTTGATCGAGTTTCTTAAAGAC
CCTGGAGAAAGAGTGGCATTCTTCTGTTTCAGGTTTTGTCTGAGTTCAAAGTAGTGCCTGTGTTGTTA
CGGAAAGCAGCAGTGTACCAGTGTCACTCTGGAGTACAGCGGGAGAAACAAAAAGTATAACTGAAA
ACATTAACATTCAGACACACTCCCTTCTGCCTCCGGCTTAAAGCTGTGGATGATCCACGTTTTTGT
TTTTAATGTTAAATGTGTAAGTCACTAGTAAAGGTTACCCACATTTTGAATAGTAGTTATCACTC
TTAGGTCAGACAGCCATCAGAATTTCCACACCAAGTGCATGTGAGTTGTGGAGAAAACATAGCAAAA
AGAGCCGTACGCTCTTTACAGATACTAATGTCAAGAGTTAAACCTCCTCAGGTTCAACCTGTGATAAAA
GACTAGTGCTTCCAGTACTTGCATGGGGTTCACTATTTATAGTTTTCTGGGAGTATCACAGGAAAT
CACAATTACACCACTTTAGACCCTATGTGTAGCAGGTCACAACCTACCCTTGTGTGTTTGTAGTGTAT
GAAATACCTGTATACGTTAGTGAAGCTGTTTACTGTAACGGGGAAAACAGATTCTTTGCATCTGGGC
CCTCTACTGATTGTTAAAGGAGTTCCTGTACCTGCTCCCCCACCCTGCATGCGTCTGTCCACTTGG
CTAACTTTTAATATGTGATTTTTACATTATGTATATTCTTAACTGGACTGTCTCGTTTACTGTATA
CATCATATCTGACATTATTGTAAGTACCCTGTGATCAGTAAGATTCTGTAAGAAATACTGCTTTTTAA
GAAAAAATAACATGCTGAGGGGTGACCTATATCCCATGTGAGTGGTCACTTTATTTATAGGATCTTT
AAACATTTTTAATGAACATAAGTTGAATAAAGGCACAATTAATAACTGTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_022818.5](#)

**Summary:** The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component. [provided by RefSeq, Jul 2008]

Locus ID: 81631

MW: 65.2