

Product datasheet for **SC300660**

LC3C (MAP1LC3C) (NM_001004343) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LC3C (MAP1LC3C) (NM_001004343) Human Untagged Clone
Tag:	Tag Free
Symbol:	LC3C
Synonyms:	ATG8J; LC3C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001004343 edited ATGCCGCCTCCACAGAAAATCCCAAGCGTCAGACCCTTCAAGCAGAGGAAAAGCTTGGCA ATCAGACAAGAGGAAGTTGCTGGAATCCGGGCAAAGTTCCCAACAAAATCCCGGTGTA GTGGAGCGCTACCCAGGGAGACGTTCCCTGCCCCGCTGGACAAAACCAAGTTCCCTGGTC CCGCAGGAGCTGACCATGACCCAGTTCCTCAGCATCATCCGGAGCCGCATGGTCCTGAGA GCCACGGAAGCCTTTTACTTGCTGGTGAACAACAAGAGCCTGGTCAGCATGAGCGCAACC ATGGCAGAGATCTACAGAGACTACAAGGATGAGGATGGCTTCGTGTACATGACCTACGCC TCCCAGGAGACATTTGGCTGCCTGGAGTCAGCAGCCCCAGGGATGGGAGCAGCCTTGAG GACAGACCCTGCAATCCTCTCTAG
Restriction Sites:	Please inquire
ACCN:	NM_001004343
Insert Size:	440 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001004343.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001004343.1](#), [NP_001004343.1](#)

RefSeq Size: 1181 bp

RefSeq ORF: 444 bp

Locus ID: 440738

UniProt ID: [Q9BXW4](#)

Cytogenetics: 1q43

Gene Summary: Autophagy is a highly regulated bulk degradation process that plays an important role in cellular maintenance and development. MAP1LC3C is an ortholog of the yeast autophagosome protein Atg8 (He et al., 2003 [PubMed 12740394]).[supplied by OMIM, Nov 2010]