

Recombinant Human MAP1LC3B

Cat. No. MAP1LC3B-29219TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LC3B expressed in <i>Saccharomyces cerevisiae</i> ; 125 amino acids, MWt 14.7 kDa. The protein contains a tag, increasing its size to 40 kDa.
Species	Human
Description	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.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MPSEKTFKQRRTFEQRVEDVRLIREQHPTKIPVIERYKG EKQLPVLDKTKFLVPDHV NMSELIKIIRRRLQLNANQA FFLLVNGHSMVSVSTPISEVYESEKDEDGFLYMYAS Q ETFGMKLSV
Full Length	Full L.

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GENE INFORMATION

Gene Name	MAP1LC3B microtubule-associated protein 1 light chain 3 beta [Homo sapiens]
Official Symbol	MAP1LC3B
Synonyms	MAP1LC3B; microtubule-associated protein 1 light chain 3 beta; microtubule-associated proteins 1A/1B light chain 3B; ATG8F;
Gene ID	81631
mRNA Refseq	NM_022818
Protein Refseq	NP_073729
MIM	609604
Uniprot ID	Q9GZQ8
Chromosome Location	16q24.2
Pathway	Senescence and Autophagy, organism-specific biosystem;
Function	protein binding;

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