

## Recombinant Human MAP1LC3B protein, His/MBP-tagged

Cat. No. MAP1LC3B-298H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAP1LC3B(1-72 aa) fused with His/MBP tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-72 aa
<b>Description</b>	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.
<b>Form</b>	Liquid in PBS
<b>Purity</b>	SDS-PAGE >90%
<b>Applications</b>	WB Positive Control
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	MAP1LC3B microtubule-associated protein 1 light chain 3 beta [ Homo sapiens ]
<b>Official Symbol</b>	MAP1LC3B
<b>Synonyms</b>	MAP1LC3B; microtubule-associated protein 1 light chain 3 beta; microtubule-associated proteins 1A/1B light chain 3B; ATG8F; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1 light chain 3-like protein 2; autophagy-related ubiquitin-like modifier LC3 B; LC3B; MAP1LC3B-a; MAP1A/1BLC3;
<b>Gene ID</b>	81631
<b>mRNA Refseq</b>	NM_022818
<b>Protein Refseq</b>	NP_073729
<b>MIM</b>	609604
<b>UniProt ID</b>	Q9GZQ8

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