



Recombinant Rat Microtubule-associated proteins 1A/1B light chain 3B (Map1lc3b)

Product Code	CSB-MP717270RA
Abbreviation	Map1lc3b
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q62625
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	PSEKTFKQR RSFEQRVEDV RLIREQHPTK IPVIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SERDEDGFLY MUYASQETFG
Source	Mammalian cell
Target Names	Map1lc3b
Protein Names	Recommended name: Microtubule-associated proteins 1A/1B light chain 3B Alternative name(s): Autophagy-related protein LC3 B Autophagy-related ubiquitin-like modifier LC3 B MAP1 light chain 3-like protein 2 MAP1A/MAP1B light chain 3 B
Expression Region	2-120
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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