

Recombinant Human MAP1LC3B2, His-tagged

Cat. No. MAP1LC3B2-3519H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAP1LC3B2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques(1-120aa).
Species	Human
Source	E.coli
Description	Microtubule-associated proteins 1A/1B light chain 3 beta 2, also as known as MAP1LC3B2, belongs to the MAP1LC3 family. MAP1LC3B2 is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. This protein probably involved in formation of autophagosomal vacuoles (autophagosomes). It is expressed primarily in heart, testis, brain and skeletal muscle and testis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 0.1M NaCl
Molecular Weight	16.2kDa (140aa) confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1mg/ml (determined by Bradford assay)
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF
LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVCASQETFG

Storage Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [MAP1LC3B2 microtubule-associated protein 1 light chain 3 beta 2 \[Homo sapiens \]](#)

Synonyms MAP1LC3B2; ATG8G; microtubule-associated proteins 1A/1B light chain 3 beta 2; Microtubule-associated proteins 1A/1B light chain 3B-like protein

Gene ID [6643246](#)

mRNA Refseq [NM_001085481](#)

Protein Refseq [NP_001078950](#)

UniProt ID A6NCE7

Chromosome Location 12q24.22

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA