

## 32-4166: Recombinant Human Microtubule-Associated Protein 1 Light Chain 3 Beta

**Alternative Name** Microtubule-Associated Protein 1 Light Chain 3 beta,ATG8F,Autophagy-related ubiquitin-like modifier  
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LC3 B,MAP1 light chain 3-like protein 2,MAP1A/MAP1B LC3 B,LC3B,MAP1A/1BLC3,MAP1ALC3.

### Description

Source : Escherichia Coli. MAP1LC3B produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-120a.a.) and having a molecular mass of 16.2kDa.MAP1LC3B is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MAP1LC3B is a member of the MAP1 LC3 family. MAP1LC3B is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, that are involved in microtubule assembly and important for neurogenesis. In addition, MAP1LC3B takes part in formation of autophagosomal vacuoles and is expressed mainly in heart, testis, brain and skeletal muscle.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	The MAP1LC3B protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT, 100mM NaCl and 20% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDFLY MVIYASQETFG

