

Microtubule-Associated Protein 1 Light Chain 3 Beta Human Recombi-

Item Number	rAP-3637
Synonyms	Microtubule-Associated Protein 1 Light Chain 3 beta, ATG8F, Autophagy-related ubiquitin-like modifier LC3 B, MAP1 light chain 3-like protein 2, MAP1A/MAP1B LC3 B, LC3B, MAP1A/1BLC3, MAP1ALC3.
Description	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.
Uniprot Accession Number	Q9GZQ8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVYASQETFG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MAP1LC3B protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**