

## Microtubule-Associated Protein 1 Light Chain 3 Beta 2 Human Recombi-

<b>Item Number</b>	rAP-3639
<b>Synonyms</b>	Microtubule-associated proteins 1A/1B light chain 3 beta 2, Microtubule-associated proteins 1A/1B light chain 3B-like, MAP1LC3B2, ATG8G.
<b>Description</b>	MAP1LC3B2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-120 a.a.) and having a molecular mass of 16.2kDa.MAP1LC3B2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	A6NCE7
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVCASQETFG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless 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.
<b>Formulation and Purity</b>	MAP1LC3B2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**