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32-13310: MAP1LC3B Mouse

Alternative Name : 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

Source: Escherichia Coli.
Sterile filtered colorless solution.
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.
MAP1LC3B Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (1-120 a.a.) and having a molecular mass of 16.7kDa. MAP1LC3B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	MAP1LC3B protein solution (0.25mg/ml) containing 20mM MES(pH6.0), 0.1M NaCl, 1mM DTT and 30% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMPSEKT FKQRRSFEQR VEDVRLIREQ HPTKIPVIIE RYKGEKQLPV LDKTKFLVPD HVNMSELIKI IRRRLQLNAN QAFFLLVNGH SMVSVSTPIS EVYESERDED GFLYMVYASQ ETFG.

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