

32-4167: Recombinant Human Microtubule-Associated Protein 1 Light Chain 3 Beta 2

Alternative Name : Microtubule-associated proteins 1A/1B light chain 3 beta 2, Microtubule-associated proteins 1A/1B light chain 3B-like, MAP1LC3B2, ATG8G.

Description

Source : Escherichia Coli. 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. Microtubule-associated proteins 1A/1B light chain 3 beta 2 (MAP1LC3B2) is a member of the MAP1LC3 family. MAP1LC3B2 is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and essential for neurogenesis. The MAP1LC3B2 protein is possibly involved in formation of autophagosomal vacuoles (autophagosomes). MAP1LC3B2 is expressed primarily in the heart, testis, brain and skeletal muscle.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : MAP1LC3B2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.
Storage condition : MAP1LC3B2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVCASQETFG.