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MAP1LC3B2 Human

Microtubule-Associated Protein 1 Light Chain 3 Beta 2 Human Recombinant RCP1317

Product Overview

Name	MAP1LC3B2 Human

Description

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

Accession (Primary)	A6NCE7

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

MAP1LC3B2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

Stability

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVCASQETFG.

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Precautions

MAP1LC3B2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (A6NCE7)