9051 Mira Mesa Blvd, #910094
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MAP1LC3B Mouse

Microtubule-Associated Protein 1 Light Chain 3 Beta Mouse Recombinant
RCP1316

Product Overview

Name	MAP1LC3B Mouse

Description

Microtubule-Associated Protein 1 Light Chain 3 Beta Mouse Recombinant

Accession (Primary)	Q9CQV6

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.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

MAP1LC3B protein solution (0.25mg/ml) containing 20mM MES(pH6.0), 0.1M NaCl, 1mM DTT and 30% glycerol.

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 MGSH MPSEKT FKQRRSFEQR VEDVRLIREQ HPTKIPVIIE RYKGEKQLPV LDKTKFLVPD HVNMSELIKI IRRRLQLNAN QAFFLLVNGH SMVSVSTPIS EVYESERDED GFLYMVYASQ ETFG.

Precautions

MAP1LC3B Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q9CQV6)