

MAP1LC3B, 1-120aa, Human, His tag, E.coli

Cat.NO.: TP02894

3th Edition

Synonyms:Microtubule-associated proteins 1A/1B light chain 3B, ATG8F, LC3B, MAP1A/1BLC3

Description:Microtubule-associated proteins 1A/1B light chain 3B, also known as MAP1LC3B, belongs to the MAP1 LC3 family. It is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,20% glycerol, 100mM NaCl

Molecular Weight:16.2 kDa (140aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPSEKTFKQRRTFEQRVEDVRLIREQHPTKIPVIIERYKGEKQLPVLDTKTKFLVPD
HVNMSSELIIRRLQLNANQAFFLLVNGHSMVSVSTPISEVYESEKDEDGFLYMVYASQETFG

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.