

Recombinant Human MAP1LC3B protein, His-tagged

Cat. No. MAP1LC3B-287H **Lot. No.** (See product label)

SPECIFICATION

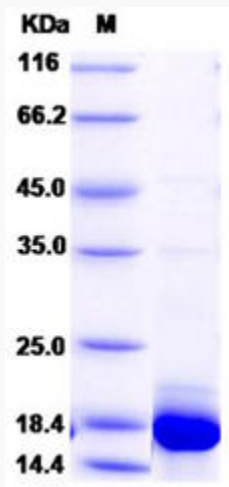
Product Overview	Recombinant Human MAP1LC3B protein(Q9GZQ8) (Met1-Val125) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-125 aa
Form	Lyophilized from sterile PBS, 20% glycerol, pH 7.4.
Molecular Mass	The recombinant human MAP1LC3B consists of 140 amino acids and predicts a molecular mass of 16.5 KDa. It migrates as an approximately 17 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	MAP1LC3B microtubule-associated protein 1 light chain 3 beta [Homo sapiens]
Official Symbol	MAP1LC3B
Synonyms	MAP1LC3B; microtubule-associated protein 1 light chain 3 beta; microtubule-associated proteins 1A/1B light chain 3B; ATG8F; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1 light chain 3-like protein 2; autophagy-related ubiquitin-like modifier LC3 B; LC3B; MAP1LC3B-a; MAP1A/1BLC3;
Gene ID	81631
mRNA Refseq	NM_022818
Protein Refseq	NP_073729
MIM	609604
UniProt ID	Q9GZQ8
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a protein sample on the right. The markers are labeled with their molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein sample shows a single prominent band at approximately 18.4 kDa, which corresponds to the expected molecular weight of MAP1LC3B.