

Recombinant Human MAP1LC3B2 Protein, His-tagged

Cat. No. MAP1LC3B2-2413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP1LC3B2 Protein (Met1-Gly120) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly120
Description	Predicted to enable microtubule binding activity and ubiquitin protein ligase binding activity. Predicted to be involved in autophagy of mitochondrion; cellular response to nitrogen starvation; and macroautophagy. Located in intracellular membrane-bounded organelle.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7 kDa Accurate Molecular Mass: 20 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MAP1LC3B2 microtubule-associated protein 1 light chain 3 beta 2 [Homo sapiens (human)]
Official Symbol	MAP1LC3B2
Synonyms	MAP1LC3B2; microtubule-associated protein 1 light chain 3 beta 2; microtubule-associated proteins 1A/1B light chain 3 beta 2; ATG8G; Microtubule-associated proteins 1A/1B light chain 3B-like protein;
Gene ID	643246
mRNA Refseq	NM_001085481
Protein Refseq	NP_001078950

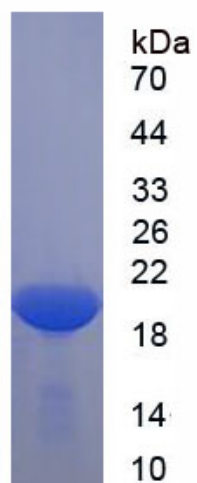
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UniProt ID

A6NCE7

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