

Recombinant Human MAP1LC3C protein, His-tagged

Cat. No. MAP1LC3C-7311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP1LC3C protein(1-147 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-147 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MPPPQKIPSVRPFKQRKSLAIRQEEVAGIRAKFPNKIPVVVERYPRETFLPPLDKTKF LVPQELTMTQFLSIIRSRMVLRATEAFYLLVNNKSLVSMSTMAEIIYRDYKDEDGFVY MTYASQETFGCLESAAPRDGSSLEDRPCNPL
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

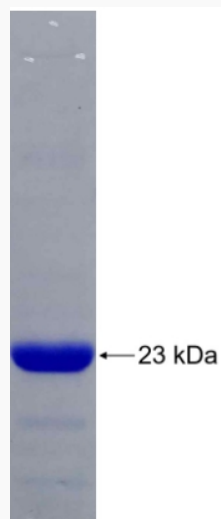
GENE INFORMATION

Gene Name	MAP1LC3C microtubule-associated protein 1 light chain 3 gamma [Homo sapiens]
Official Symbol	MAP1LC3C
Synonyms	MAP1LC3C; microtubule-associated protein 1 light chain 3 gamma; microtubule-associated proteins 1A/1B light chain 3C; ATG8J; MAP1A/MAP1B LC3 C; LC3-like protein 2; MAP1A/MAP1B light chain 3 C; autophagy-related protein LC3 C; MAP1 light chain 3-like protein 2; MAP1 light chain 3-like protein 3; autophagy-related ubiquitin-like modifier LC3 C; LC3C;
mRNA Refseq	NM_001004343
Protein Refseq	NP_001004343
MIM	609605
UniProt ID	Q9BXW4
Gene ID	440738

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SDS-PAGE

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