

# Product datasheet for TP760032

# MAP1LC3A (NM\_032514) Human Recombinant Protein

# **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human microtubule-associated protein 1 light chain 3 alpha (MAP1LC3A), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length MAP1LC3A
Tag:	N-His
Predicted MW:	14.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 115903</u>
Locus ID:	84557
UniProt ID:	<u>Q9H492</u>
RefSeq Size:	1048
Cytogenetics:	20q11.22
RefSeq ORF:	363
Synonyms:	ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

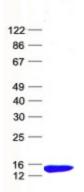
#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## **GRIGENE** MAP1LC3A (NM\_032514) Human Recombinant Protein – TP760032

Summary:MAP1A and MAP1B are microtubule-associated proteins which mediate the physical<br/>interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B<br/>each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded<br/>by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B.<br/>Two transcript variants encoding different isoforms have been found for this gene. The<br/>expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be<br/>involved in carcinogenesis. [provided by RefSeq, Feb 2012]

## **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US