## MAP1LC3A (Human) Recombinant Protein (Q01)

Catalog # H00084557-Q01 Size 25 ug, 10 ug

## Applications



Specification	
Product Description	Human MAP1LC3A partial ORF ( NP_115903, 1 a.a 102 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MPSDRPFKQRRSFADRCKEVQQIRDQHPSKIPVIIERYKGEKQLPVLDKTKFLVPDHVNMSELVKII RRRLQLNPTQAFFLLVNQHSMVSVSTPIADIYEQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

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- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — MAP1LC3A

<b>Other Designations</b> MAP1 light chain 3-like protein 1 MAP1A/1B light chain 3 A MAP1A/MAP1B LC3 A OTTHUMP00000030697 OTTHUMP00000030698 microtubule-associated protein 1		
Protein Accession#NP_115903Gene NameMAP1LC3AGene AliasLC3, LC3A, MAP1ALC3, MAP1BLC3Gene Descriptionmicrotubule-associated protein 1 light chain 3 alphaOmim ID601242Gene OntologyHyperlinkGene SummaryMAP1A and MAP1B are microtubule-associated proteins which mediate the physical inter between microtubules and components of the cytoskeleton. MAP1A and MAP1B each com a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript va encoding different isoforms have been found for this gene. [provided by RefSeqOther DesignationsMAP1 light chain 3-like protein 1]MAP1A/1B light chain 3 AJMAP1A/MAP1B LC3 AJOTTH 000030696JOTTHUMP0000030697JOTTHUMP0000030698Jmicrotubule-associated protein subule-associated protein bub encoded physical chain subunit and protein 1]MAP1A/1B light chain 3 AJMAP1A/MAP1B LC3 AJOTTH 000030696JOTTHUMP0000030697JOTTHUMP0000030698Jmicrotubule-associated protein physical chain subune contact physical chain subune	Entrez GenelD	<u>84557</u>
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