

[Go to Product page](#)

Datasheet for ABIN7505148

**MAP1LC3A Protein (AA 1-125) (His tag)**

## Overview

Quantity:	100 µg
Target:	MAP1LC3A
Protein Characteristics:	AA 1-125
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP1LC3A protein is labelled with His tag.

## Product Details

Sequence:	Met 1-Val 125
Characteristics:	A DNA sequence encoding the Human LC3A/B protein (Q9GZQ8) (Met 1-Val 125) was expressed with a N-10His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	MAP1LC3A
Alternative Name:	LC3A ( <a href="#">MAP1LC3A Products</a> )
Background:	<p>Background: Ubiquitin-like modifier involved in formation of autophagosomal vacuoles. Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements a</p> <p>Synonym: ATG8F, Autophagy related protein LC3 A, Autophagy related ubiquitin like modifier LC3</p>

Target Details

	A,Autophagy related ubiquitin like modifier LC3 B,LC3,MAP1 light chain 3 like protein 1,MAP1 light chain 3 like protein 2,MAP1A/1B light chain 3 A,MAP1A/1BLC3,MAP1ALC3,MAP
Molecular Weight:	13.64 kDa
UniProt:	<a href="#">Q9GZQ8</a>
Pathways:	<a href="#">Autophagy</a>

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months