

Datasheet for ABIN7585025  
**LC3B Protein (AA 2-125) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 100 µg                                      |
| Target:                       | LC3B (MAP1LC3B)                             |
| Protein Characteristics:      | AA 2-125                                    |
| Origin:                       | Cow                                         |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This LC3B protein is labelled with His tag. |
| Application:                  | ELISA                                       |

## Product Details

|                  |                                                                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | PSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM<br>SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPICEVYE SEKDEDGFLY MVYASQETFG MKLSV                                            |
| Specificity:     | Bos taurus (Bovine)                                                                                                                                                                    |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity:          | > 90 %                                                                                                                                                                                 |

## Target Details

|                   |                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------|
| Target:           | LC3B (MAP1LC3B)                                                                                       |
| Alternative Name: | Microtubule-associated proteins 1A/1B light chain 3B (MAP1LC3B) ( <a href="#">MAP1LC3B Products</a> ) |

## Target Details

Background: Recommended name: Microtubule-associated proteins 1A/1B light chain 3B.  
Alternative name(s): Autophagy-related protein LC3 B Autophagy-related ubiquitin-like modifier LC3 B MAP1 light chain 3-like protein 2 MAP1A/MAP1B light chain 3 B.  
Short name= MAP1A/MAP1B LC3 B Microtubule-associated protein 1 light chain 3 beta

UniProt: [O41515](#)

Pathways: [Autophagy](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.