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Datasheet for ABIN1622585

MAP1LC3A Protein (AA 1-120) (His tag)

Overview

Quantity:	1 mg
Target:	MAP1LC3A
Protein Characteristics:	AA 1-120
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP1LC3A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPSDRPFKQR RSFADRCKEV QQIREQHPSK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELVKIIRRR LQLNPTQAFF LLVNQHSMVS VSTPIADIYE QEKDEGFLY MVYASQETFG
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:	MAP1LC3A
Alternative Name:	Microtubule-associated proteins 1A/1B light chain 3A (MAP1LC3A) (MAP1LC3A Products)

Target Details

Background:	Recommended name: Microtubule-associated proteins 1A/1B light chain 3A. Alternative name(s): Autophagy-related protein LC3 A Autophagy-related ubiquitin-like modifier LC3 A MAP1 light chain 3-like protein 1 MAP1A/MAP1B light chain 3 A. Short name= MAP1A/MAP1B LC3 A Microtubule-associated protein 1 light chain 3 alpha
UniProt:	Q2HJ23
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.