Datasheet for ABIN1635355

LC3B Protein (AA 2-120) (His tag)

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Overview

Quantity:	1 mg
Target:	LC3B (MAP1LC3B)
Protein Characteristics:	AA 2-120
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LC3B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	PSEKTFKQR RSFEQRVEDV RLIREQHPTK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SERDEDGFLY MVYASQETFG
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien 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) (MAP1LC3B Products)

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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:	Q62625
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 modificated 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.