Datasheet for ABIN1675140

ATG4B Protein (AA 1-393) (His tag)

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Overview

Quantity:	1 mg
Target:	ATG4B
Protein Characteristics:	AA 1-393
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG4B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDAATLTYDT LRFEYEDFPE TKEPVWILGR KYSVFTEKEE ILLDVTSRLW FTYRKNFPAI GGTGPTSDTG WGCMLRCGQM IFAQALVCRH LGRDWRWIKG KRQTDNYFSV LNAFIDKKDS YYSIHQIAQM GVGEGKSIGQ WYGPNTVAQV LKKLATFDTW SSLAVHIAMD NTVVMEEIRR LCQSNFSCAG AAACPAVEAD VLYNGYPEEA GVRDKLSLWK PLVLLIPLRL GLTEINEAYI ETLKHCFMMP QSLGVIGGKP NSAHYFIGYV GEELIYLDPH TTQPAVEPSD SGCLPDESFH CQHPPCRMSI AELDPSIAVG FFCHTEEDFN DWCHQIKKLS LVRGALPMFE LVERQPSHFS NPDVLNLTPD SSDADRLERF FDSEDEDFEI LSL
Specificity:	Gallus gallus (Chicken)
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:	ATG4B
Alternative Name:	Cysteine protease ATG4B (ATG4B) (ATG4B Products)
Background:	Recommended name: Cysteine protease ATG4B. EC= 3.4.22.-. Alternative name(s): Autophagy-related cysteine endopeptidase 2B. Short name= Autophagin-2B. Short name= cAut2B Autophagy-related protein 4 homolog B
UniProt:	Q6PZ02
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.