Datasheet for ABIN7584899

ATG14 Protein (AA 1-492) (His tag)

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Overview

Quantity:	100 µg
Target:	ATG14
Protein Characteristics:	AA 1-492
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASPSGKGSW TPEAPGFGPR ALAPDLVDSV DDAEGLYVAV ERCPLCNTTR RRLTCAKCVQ SGDFVYFDGR DRERFIDKKE RLSQLKNKQE EFQKEVLKAM EGKRLTDQLR WKIMSCKMRI EQLKQTICKG NEEMKKNSEG LLKNKEKNQK LYSRAQRHQE KKEKIQRHNR KLGDLVEKKT SDLREHYDRL ACLRRLHILE LTSVIFPMDE VKTSGRDPAD VSSETDSAMT SSMVSKLAEA RRTTYLSGRW VCDDHNGDTS ISITGPWISL PNNGDYSAYY NWVEEKKTTQ GPDMEHNNPA YTISAALGYA TQLVNIVSHI LDINLPKKLC NSEFCGENLS KQRLTRAVRK LNANILYLCS SQHVNLDQLQ PLHTLRNLMH LVSPHSEHLG RSGPFEVRAD LEESMEFVDP GVAGESDVSG DERVSDEETD LGTDWENLPS PRFCDIPSQP VEVSQSQSTQ ASPPIASSSA GGMISSAAAS VTSWFKAYTG HR
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ATG14
Alternative Name:	Beclin 1-associated autophagy-related key regulator (Atg14) (ATG14 Products)
Background:	Recommended name: Beclin 1-associated autophagy-related key regulator. Short name= Barkor. Alternative name(s): Autophagy-related protein 14-like protein. Short name= Atg14L
UniProt:	D4A4K3
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

Handling

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