Datasheet for ABIN7590860

ATG4A Protein (AA 1-467) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	ATG4A
Protein Characteristics:	AA 1-467
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG4A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKALCDRFVP QQCSSSSKSD THDKSPLVSD SGPSDNKSKF TLWSNVFTSS SSVSQPYRES STSGHKQVCT TRNGWTAFVK RVSMASGAIR RFQERVLGPN RTGLPSTTSD VWLLGVCYKI SADENSGETD TGTVLAALQL DFSSKILMTY RKGFEPFRDT TYTSDVNWGC MIRSSQMLFA QALLFHRLGR AWTKKSELPE QEYLETLEPF GDSEPSAFSI HNLIIAGASY GLAAGSWVGP YAICRAWESL ACKKRKQTDS KNQTLPMAVH IVSGSEDGER GGAPILCIED ATKSCLEFSK GQSEWTPIIL LVPLVLGLDS VNPRYIPSLV ATFTFPQSVG ILGGKPGAST YIVGVQEDKG FYLDPHEVQQ VVTVNKETPD VDTSSYHCNV LRYVPLESLD PSLALGFYCR DKDDFDDFCL RALKLAEESN GAPLFTVTQT HTAINQSNYG FADDDSEDER EDDWQML
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	ATG4A
Alternative Name:	Cysteine protease ATG4a (ATG4A) (ATG4A Products)
Background:	Recommended name: Cysteine protease ATG4a. EC= 3.4.22.-. Alternative name(s): Autophagy-related protein 4 homolog a. Short name= AtAPG4a. Short name= Protein autophagy 4a
UniProt:	Q8S929
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.