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Datasheet for ABIN1634565
ATG4C Protein (AA 1-450) (His tag)

Overview

Quantity:	1 mg
Target:	ATG4C
Protein Characteristics:	AA 1-450
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG4C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEASGTDDVE KLKSKFLSAW HNMKYSWVLK TKTYFKRNSP VFLLGKCYHF KYEDSSVTSD GGNSNGSESK EDLSGNVDEF RKDFISRIWL TYREEFPQIE TSSWTTDCGW GCTLRGTGQML LAQGLIVHFL GRDWTWTEAL DIFSSSEFEW TANTARKLTP SLETFSSENN ECVSSNKQPL HNC DKKSNSE DFHQKIISWF ADYPLAYFGL HQLVKLGKNS GKVAGDWYGP AVVSHLLRKA IEESSDPELQ GITIYVAQDC TIYSADVYDL QCNKGTEKAV VILVPVRLGG ERTNMEYFEF VKGILSLEFC IGIIGGKPKQ SYFVGFQDD SLIYMDPHYC QSFVDVSVKN FPLESFHCP PKKMSFKKMD PSCTIGFYCR NAREFEKAAE ELTKVLKSST KQNYPLFTFV NGHAQDFDFV CTPVYDQNDL FTEDEKKRLK RFSTEEFVLL
Specificity:	Xenopus tropicalis (Western clawed frog) (<i>Silurana tropicalis</i>)
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.

Product Details

Purity: > 90 %

Target Details

Target: ATG4C

Alternative Name: Cysteine protease ATG4C (atg4c) ([ATG4C Products](#))

Background: Recommended name: Cysteine protease ATG4C.
EC= 3.4.22.-.
Alternative name(s): Autophagy-related protein 4 homolog C

UniProt: [Q68EP9](#)

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

Handling

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