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Datasheet for ABIN1643002

**Beclin 1 Protein (AA 1-448) (His tag)**

## Overview

Quantity:	1 mg
Target:	Beclin 1 (BECN1)
Protein Characteristics:	AA 1-448
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Beclin 1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MEGSKASSST MQVSFVCQRC SQPLKLDTSF KILDRVTIQE LTAPLLTTAQ AKPGESQEEE ANSGEFPFIE TRQDGVSRRF IPPARMMSTE SANSFTLIGE ASDGGTMENL SRRLKVTGDL FDIMSGQTDV DHPLCEECDT TLLDQLDTQL NVTENECQNY KRCLEMLEQM NEGDSEQLQR ELKELALEEEE RLIQELEDVE KNRKVVAENL EKVQAEAERL DQEEAQYQRE YSEFKRQQLE LDELKSVEN QMRYAQMLD KLKKTNVFNA TFHIWHSGQF GTINNFRLGR LPSAPVEWNE INAAWGQTVL LLHALANKMG LKFQRYRLVP YGNHSYLESL TDKSKELPLY CSGGLRFFWD NKFDHAMVAF LDCVQQFKEE VEKGETRFCL PYRMDVEK GK IEDTGGSGGS YSIKTQFNSE EQWTKALKFM LTNLKWGLAW VSSQFYNK
Specificity:	Rattus norvegicus (Rat)
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

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Purity: > 90 %

## Target Details

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Target: Beclin 1 (BECN1)

Alternative Name: Beclin-1 (Becn1) ([BECN1 Products](#))

Background: Recommended name: Beclin-1.  
Alternative name(s): Coiled-coil myosin-like BCL2-interacting protein Protein GT197

UniProt: [Q91XJ1](#)

Pathways: [Autophagy](#)

## Application Details

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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

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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.