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## Datasheet for ABIN1512184 ATC1 Protein (AA 1-294) (His tag)



Overview	
Quantity:	1 mg
Target:	ATC1
Protein Characteristics:	AA 1-294
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATC1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MNTNQSNPNT DLTDDANIEH TLHRLLTQAN NHFDDTVKID GQSLDLGKDL EQVMMDNLDC TDIFDSDIAS QKHLTLESLF NDEHNTDSST LLEMQRSAND SLVGIDLDRH KKGYTGKASL DKSTNQNNVH KPDKEQKNYK IDKPTIKKKK SLLKTTNEPM LSPASLSPSS SLASSDANES HLKIESMITD ITSKIDSARQ DIVSATKPAK FTNEFTISQI SEMKARIINT HKLLLNFNFI KEGYARSCIQ LKKSMDSLKD SEIHRAHLLV ENDDLKQQIL ELTQKLNEKS SKES
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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 %

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Target Details	
Target:	ATC1
Alternative Name:	Protein ATC1/LIC4 (ATC1) (ATC1 Products)
Background:	Recommended name: Protein ATC1/LIC4. Alternative name(s): AIP3 complex protein 1 Lithium comvertas protein 4
UniProt:	Q04005

## 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.

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