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Datasheet for ABIN1612332

## Antizyme Inhibitor 1 Protein (AZIN1) (AA 1-448) (His tag)

### Overview

Quantity:	1 mg
Target:	Antizyme Inhibitor 1 (AZIN1)
Protein Characteristics:	AA 1-448
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Antizyme Inhibitor 1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKGFIDDVDY SVGLLDEGTN LGNVIDNYVY EHTLTGKNAF FVGDLGKIVK KHSQWQNVVA QIKPFYTVKC NSAPAVLEIL AALGTGFACS SKNEMALVQE LGVPPENIY ISPCKQVSQI KYAAKVG VNI MTC DNEIELK KIARNHPNAK VLLHIATEDN IGGEEGNMKF GTTLKNCRHL LECAKELDVQ IIGVKFHVSS ACKESQVYVH ALSDARCVFD MAGEIGFTMN MLDIGGGFTG TEFQLEEVNH VISPLLDVYF PEGSGVKIIS EPGSYVSSA FTLAVNIIAK KVVENDKFPS GVEKTGSDEP AFMYYMNDGV YGSFASKLSE DLNTIPEVHK KYKEDEPLFT SSLWGPSCDE LDQIVESCLL PELNVGDWLI FDNMGADSFH EPSAFNDFQR PAIYYMMSFS DWYEMQDAGI TSDSMMKNFF FVPSCIQLSQ EDSFSAEA
Specificity:	Pongo abelii (Sumatran orangutan)
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: Antizyme Inhibitor 1 (AZIN1)

Abstract: [AZIN1 Products](#)

Background: Recommended name: Antizyme inhibitor 1.  
Short name= AZI.  
Alternative name(s): Ornithine decarboxylase antizyme inhibitor

UniProt: [Q5R7K3](#)

## 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.