



[Go to Product page](#)

Datasheet for ABIN1511637  
**ZIC1 Protein (AA 1-443) (His tag)**

Overview

Quantity:	1 mg
Target:	ZIC1
Protein Characteristics:	AA 1-443
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZIC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLLDAGAQYP AIGVTTFGSS RHHSAGDVTD REVALGINPF ADGMGAFKLN PSSHDLASGQ  TAFTSQAPGY AAAALGHHHH PGHVSSYSSA AFNSTRDFLF RNRGFGEAAS AQHSLFASAA  GGFPGPHGPH ADTTGHLIFP GLHEQAASHA SPNVVNGQMR LGFSGDMYGR PDQYGQVTSP  RSEHYASSQL HGYGPMNMNM AAHHGAGAFF RYMRQPIKQE LICKWIEPEQ LANPKKSCNK  TFSTMHELVT HVTVEHVGPP EQSNHICVWE ECPREGKPKF AKYKLINHIR VHTGEKPFPC  PFPGCGKVFA RSENKIHKR THTGEKPKFC EFEGCDRRA NSSDRKKMH VHTSDKPYLC  KMCDKSYTHP SSLRKHMKVH EASSQGSQPS PAASSGYESS TPPTIVPSA ENQSTSSLSP  SSSAVHHTSN HSTLSSNFNE WYV</p>
Specificity:	Xenopus laevis (African clawed frog)
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: ZIC1

Abstract: [ZIC1 Products](#)

Background: Recommended name: Zinc finger protein ZIC 1.  
Short name= XZic1.  
Short name= XIZic1.  
Alternative name(s): ODD-paired-like.  
Short name= Xopl ZIC-related protein 1.  
Short name= ZIC-r1 Zinc finger protein of the cerebellum 1

UniProt: [073689](#)

## 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

## Handling

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Storage: -20 °C

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