



[Go to Product page](#)

## Datasheet for ABIN1652631 FOXC2 Protein (AA 1-465) (His tag)

### Overview

Quantity:	1 mg
Target:	FOXC2
Protein Characteristics:	AA 1-465
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXC2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MMQARYSVAD PNALGVVPYL SEQNYRAAG TYGSMATPMS VYPTHEQYTQ GMGRSYGPYH HHQPTAPKDL VKPPYSYIAL ITMAIQNAPD KKITLNGIYQ FIMDRFPFYR ENKQGWQNSI RHNLSLNECF VKVPRDDKKP GKGSYWSLDP DSYNMFENG FLRRRRRFRKR KDVCREKEDR LLKDQGAQG PISSLELPKH EKKIVIKSES PELPVITKVE NLSPDGGSAM QDSPRSVAST PSVSTDNSIP DQHPASNGFS VENIMTLRTS PHGDLSPVPQ VPCRTGMVPS LPINYTAQTQ SSVYSQACTQ SMDTSGSYQC TMRAMSLYAG DRPSHMCAPS SLEEATSEHH NGTSSPLTSM SLGSGQESVL TSSHHQQTAT GGQTAAPWYL NPGADIGHLS GHNFGSQQQT FPNVREMFNS HRLGIESSAL SEHQVSGNTN CQIPYRSAPS IYRHSSPYAY DCTKY
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: FOXC2

Alternative Name: Forkhead box protein C2-A (foxc2-a) ([FOXC2 Products](#))

Background: Recommended name: Forkhead box protein C2-A.  
Short name= FoxC2-A.  
Short name= FoxC2a.  
Alternative name(s): Fork head domain-related protein 4.  
Short name= FD-4.  
Short name= xFD-4.  
Short name= xFD4 A Forkhead protein 7.  
Short name= FKH-7.  
Short name= xFKH7

UniProt: [Q9PYY9](#)

## 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

## Handling

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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.