



[Go to Product page](#)

## Datasheet for ABIN1661841 FOXA1 Protein (AA 1-427) (His tag)

### Overview

Quantity:	1 mg
Target:	FOXA1
Protein Characteristics:	AA 1-427
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXA1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MLGIVKMEGH ETTDWSNYYQ DAQEGYSSVP VSNMPQGLAT MNTYMTMNPM SSGSNITSGS</p> <p>FNMPYGNLGL GAGLSPSGMS GMGSAGAMNG MGSGVPSMGS ALSPSNMNAI QSAQQASMNS</p> <p>LSYSSMNSGM SPMGYGATNI NRTRDSKTFR RSYPHAKPPY SYISLITMAI QQAPSKMLTL</p> <p>SEIYQWIMDL FPYYRQNQQR WQNSIRHSL S FNDCKIKVSR SPDKPGKGSY WTLHPDSGNM</p> <p>FENGCYLRRQ KRFKCEKTQG GKGNQDGRKD HSGPSSPLHR VHKGSSQMDS SSSMSNPSSS</p> <p>PQALEHNGSN GEMKPQVAAG PSPLSSHQNH STHSLAHETH IHLKGDPHYS FNHPFSINNL</p> <p>MSSSEQQHKL DFKAYEQALQ QYSSYGGGLQ GMPLGSPSMT GRGTIEPSAL EPTYQQGVYS</p> <p>RPVLNTS</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

---

Purity: > 90 %

## Target Details

---

Target: FOXA1

Alternative Name: Forkhead box protein A1-B (foxa1-b) ([FOXA1 Products](#))

Background: Recommended name: Forkhead box protein A1-B.  
Short name= FoxA1b.  
Alternative name(s): Fork head domain-related protein 7'.  
Short name= xFD-7' Forkhead protein 2.  
Short name= FKH-2.  
Short name= xFKH2 Hepatocyte nuclear factor 3-alpha homolog B.  
Short name= HNF3alpha homolog B.  
Short name= xHNF3alpha-B

UniProt: [P32315](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Carbohydrate Homeostasis](#)

## 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 modiflicated 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

## Handling

---

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.