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## Datasheet for ABIN1624429 FOXA1 Protein (AA 1-428) (His tag)

### Overview

Quantity:	1 mg
Target:	FOXA1
Protein Characteristics:	AA 1-428
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXA1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MLGIVKMEGH ETTDWSNYYQ DTQEAYSSVP VSNMTQGLAS MNTYMTMNPMS SSSSNMTAGS FNMSYANSGL GAGLSPSGMS GMGAGSASAM NGMGSGVSSM GTALSPSSMN AMSAQQASIN SLSYSGMNPG MSPMAYGPSN MNRTRDTKTF RRSYPHAKPP YSYISLITMA IQQAPSKMLT LSEIQWIMD LFLYYRQNNQ RWQNSIRHSL SFNDCFVKVA RSPDKPGKGS YWTLHPDSGN MFENGCYLRR QKRFKCEKQQ GKGGSQDGRK DVSGPSSPLH RVHKGSSQMD SSSSMSNPSS SPQSLEHNGS NGEMKPQVAA GPSPLSSHQN HSTHSLAHET HIHLKGDPHY SFNHPFSINN LMSSEQQHK LDFKAYEQAL QQYSSYSGGL PGMPLGSPSM AGRGSIEPSA LEPTYQQGVY SRPVLNTS
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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 (foxa1) ([FOXA1 Products](#))

Background: Recommended name: Forkhead box protein A1.  
Short name= FoxA1.  
Alternative name(s): tFoxA1

UniProt: [Q8AWH1](#)

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 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

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.