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## Datasheet for ABIN1651053 FOXH1 Protein (AA 1-472) (His tag)

### Overview

Quantity:	1 mg
Target:	FOXH1
Protein Characteristics:	AA 1-472
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXH1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MTKHWGGPGL LAPPVITVGE GAQRDHHLDC RIGYSSSKRS CHRSSNPLLE LGGRLDKSTG</p> <p>MAQDSCYRAK ATNQGPWELQ DGNSSGGKKK NYQRYPKPPY SYLAMIAMVI QNSPEKKLTL</p> <p>SEILKEISTL FPFFKGNYKG WRDSVRHNLS SYDCFVKVLK DPGKPQGKGN FWTVEVNRIP</p> <p>LELLKRQNTA VSRQDETIFA QDLAPYIFQG YSQPNKSKPL PPESSLPPVP TRQSPPPSED</p> <p>PYRPKLDSTF AIDSLLHSLR PASSAGEGLR ERESWGVGPP PHTRSTTPPR PCNASYNGSS</p> <p>SASSVSPASD FSDDEDWRGVT VVGKRSGDRG ITSDAYS DSC PPPNKSSKRG NTPPWELPTS</p> <p>YAKYTTPNAV APPSMRFNGN PFMPLGGIPF YGYGGAHVTT SHLIGHPYWP ILPSGPVSIQ</p> <p>APPLMDLDS MLQSVPPNKS VFDALGSNNQ TVHPSPNQYA LQNGPSLCKY SL</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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: FOXH1

Alternative Name: Forkhead box protein H1 (foxh1) ([FOXH1 Products](#))

Background: Recommended name: Forkhead box protein H1.  
Alternative name(s): Forkhead activin signal transducer 1.  
Short name= Fast-1 Schmalspur protein

UniProt: [Q9I9E1](#)

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

## 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.