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## Datasheet for ABIN1644715 FOXG1 Protein (AA 1-451) (His tag)

### Overview

Quantity:	1 mg
Target:	FOXG1
Protein Characteristics:	AA 1-451
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXG1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MLDMGDRKEV KMLPKSSFSI NSLVPEAVQS DNHSGHSHHN SHHPHHHHHH HHHHPPPPQQ</p> <p>PQRAAAEEEE DEEKAPLLLP PPAAGALEAA KAEALAGKGE AGAAAAELEE KEKAAEEKKG</p> <p>AAEGGKDGES GKEGEKNGK YEKPPFSYNA LIMMAIRQSP EKRLTLNGIY EFIMKNFPYY</p> <p>RENKQGWQNS IRHNLSLNKC FVKVPRHYDD PGKGNWMLD PSSDDVFIGG TTGKLRRRST</p> <p>TSRAKLAFKR GARLTSTGLT FMDRAGSLYW PMSPFLSLHH PRASSTLSYN GTASAYPSHP</p> <p>MPYSSVLTQN SLGNNHSFST SNGLSVDRLV NGEIPYATHH LTAAALAASV PCGLSVPCSG</p> <p>TYSLNPCSVN LLAGQTSYFF PHVPHSMTS QSSTSMTARA ASSSTSPQAP STLPCESLRP</p> <p>SLPSFTTGLS GGLSDYFTHQ NQGSSSNPLI H</p>
Specificity:	Gallus gallus (Chicken)
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: FOXG1

Alternative Name: Forkhead box protein G1 (FOXG1) ([FOXG1 Products](#))

Background: Recommended name: Forkhead box protein G1.  
Short name= FoxG1.  
Alternative name(s): Brain factor 1.  
Short name= BF-1.  
Short name= BF1.  
Short name= cBF-1 CEQ 3-1 Forkhead-related protein FKHL1 N-62-5 Proto-oncogene C-QIN

UniProt: [Q90964](#)

## 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.