Datasheet for ABIN1659507

FOXG1 Protein (AA 1-436) (His tag)

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Overview

Quantity:	1 mg
Target:	FOXG1
Protein Characteristics:	AA 1-436
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXG1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLDMGDRKEV KMIPKSSFSI NSLMPEAVQN DNHPQPHHHH HHQQQPQHLQ LPQQHHLQPH HRPLQEEDEL DKSLLEVKTE SLPPGKGDPA ASELPGEDKD KIDDKKVDGK DGDSGKDGGD KKNGKYEKPP FSYNALIMMA IRQSPEKRLT LNGIYEFIMK NFPYYRENKQ GWQNSIRHNL SLNKCFVKVP RHYDDPGKGN YWMLDPSSDD VFIGGTTGKL RRRSTTSRAK LAFKRGARLT STGLTFMDRA GSLYWPMSPF LSLHHPRASS TLSYNGTTSA YPSQPMPYSS VLTQNSLGNN HSFSTSNGLS VDRLVNGEIP YATHHLTAAA LAASVPCGLP VPCSGTYSLN PCSVNLLAGQ TGYFFPHVPH PSITSQSSTS MAARAASSST SPQAPSTLPC ESLRPALPSF TTGLSGGLSD YFTHQNQGSS SNSLIH
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

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= xBF-1. Short name= xBF1 Forkhead protein 4. Short name= FKH-4. Short name= xFKH4
UniProt:	Q9YHC5

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 modificated 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

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.