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Datasheet for ABIN1650257 FOXC2 Protein (AA 1-461) (His tag)

Overview

Quantity:	1 mg
Target:	FOXC2
Protein Characteristics:	AA 1-461
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXC2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MMQARYSVAD PNALGVVPYL SEQNYRAAG TYGSMATPMS VYPAHEQYTP AMARSYGPYH HHQQAAPKDL VKPPYSYIAL ITMAIQNAPD KKITLNGIYQ FIMDRFPFYR ENKQGWQNSI RHNLSLNECF VKVPRDDKKP GKGSYWSLDP DSYNMFENG FLRRRRRFKK KDASREKEDR LLKDQGVQVQ PVPSLELPKH EKKIIKSES PELPVITKVE NLSPGGGSAM QDSPRSVAST PSVSTDSSIP EQHPASNGFS VDNIMTLRTS PHGDLSPVPA IPCRTAMVSS LPINYTAHTQ SSVYSQACTQ SMDTSGSFQC SMRAMSLYTG DRPSHMCAPS TLEEATSEHH NGTSSPLNSM SQESVLTSSH HQQTATGGQT AAPWYLNPGA DIGHLSGHNF GSQQQTFPNV REMFNHRLG IESSALSEHQ VSGNTNCQIP YRSAPSIYRH SSPYAYDCTK Y
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: FOXC2

Alternative Name: Forkhead box protein C2-B (foxc2-b) ([FOXC2 Products](#))

Background: Recommended name: Forkhead box protein C2-B.
Short name= FoxC2-B.
Short name= FoxC2b.
Alternative name(s): Fork head domain-related protein 4'.
Short name= FD-4'.
Short name= xFD-4'.
Short name= xFD4 B

UniProt: [Q9PVY8](#)

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

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

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.