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Datasheet for ABIN1656040 FOXA2 Protein (AA 1-415) (His tag)

Overview

Quantity:	1 mg
Target:	FOXA2
Protein Characteristics:	AA 1-415
Origin:	Killifish (<i>Oryzias latipes</i>)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MMLGAVKMEG HEHTDWSTYY GEPECYTSVG NMNTGLGMNS MNTYMSMSGM STTANMTANS MNMSYVNTGM SPSMTGMSPG TGAMNGMGAG MTAMSTALSP SMSPMTGQPG SMNALTSYTN MNAMSPIYGQ SNINRSRDPK TYRRSYTHAK PPYSYISLIT MAIQQSPSKM LTLAEIQWI MDLFPFYRQN QQRWQNSIRH SLSFNDCFLK VPRSPDKPGK GSFWTLHPDS GNMFENG CYL RRQKRFKCEK KMSMKEPGRK GGDGGSANSS SDSCNGNESP HSNSSSGEHK RSLSDMKGSQ ALSPEHTAPS PVSQGQHLMS QHHSVLAHEA HLKPEHHYSF NHPFSINNLM SSEQQHHKMD LKTYEQVMHY SGYGSPMTGA LSMGSMAGKA GLDSASIPDT SYYQGVYSRP IMNSS
Specificity:	<i>Oryzias latipes</i> (Medaka fish) (Japanese ricefish)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: FOXA2

Alternative Name: Hepatocyte nuclear factor 3-beta (foxa2) ([FOXA2 Products](#))

Background: Recommended name: Hepatocyte nuclear factor 3-beta.
Short name= HNF-3-beta.
Short name= HNF-3B.
Alternative name(s): Forkhead box protein A2 Me-HNF3B

UniProt: [O42097](#)

Pathways: [Dopaminergic Neurogenesis](#), [Regulation of Carbohydrate Metabolic Process](#)

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

Storage: -20 °C

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