Datasheet for ABIN7584378

FOXA1 Protein (AA 1-466) (His tag)

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Overview

Quantity:	100 µg
Target:	FOXA1
Protein Characteristics:	AA 1-466
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLGTVKMEGH ESNDWNSYYA DTQEAYSSVP VSNMNSGLGS MNSMNTYMTM NTMTTSGNMT PASFNMSYAN PGLGAGLSPG AVAGMPGGSA GAMNSMTAAG VTAMGAALSP GGMGSMGAQP AASMNGLGPY AAAMNPCMSP MAYAPSNLGR SRAGGGGDAK TFKRSYPHAK PPYSYISLIT MAIQQAPSKM LTLSEIYQWI MDLFPYYRQN QQRWQNSIRH SLSFNACFVK VARSPDKPGK GSYWTLHPDS GNMFENGCYL RRQKRFKCEK QPGAGGGSGG GGSKGVPENR KDPSGPVNPS AESPIHRGVH GKASQLEGAP APGPAASPQT LDHSGATATG GGSELKSPAS SSAPPISSGP GGWICTPLSP TWLAPHESQL HLKGAPHYSF NHPFSINNLM SSSEQQHKLD FKAYEQALQY SPYGATLPAS LPLGGASVAT RSPIEPSALE PAYYQGVYSR PVLNTS
Specificity:	Rattus norvegicus (Rat)
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:	FOXA1
Alternative Name:	Hepatocyte nuclear factor 3-alpha (Foxa1) (FOXA1 Products)
Background:	Recommended name: Hepatocyte nuclear factor 3-alpha. Short name= HNF-3-alpha. Short name= HNF-3A. Alternative name(s): Forkhead box protein A1
UniProt:	P23512
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Carbohydrate Homeostasis

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 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.