Datasheet for ABIN1639358

SOX18 Protein (AA 1-361) (His tag)

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Overview

Quantity:	1 mg
Target:	SOX18
Protein Characteristics:	AA 1-361
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MHRSSYCREE TTLCQGVNST WVPPADTVPE ASLTPHSPPA PDSPAPSPKP GYGYSACEEK PGDPRIRRPM NAFMVWAKDE RKRLAQQNPD LHNAVLSKML GQSWKNLTSA EKRPFVEEAE RLRVQHLQDH PNYKYRPRRK KQAKKLKRMD PSHHLRNEGY TGGQPMVNLS HFRELHPLGG SGELESYGLP TPEMSPLDVL EPSEPAFFPP HMREDPDPGL FRTYQHEMDF SQEKTLREIS LPYSTSPSHM GSFLRTPTPS AFYYKPHGGS SARTPLGQLS PPPEAPALDA MDHLNHAELW GDFDLNEFDQ YLNMSRTQGP GYSFPMSKLG GPRTIPCEEN SLISALSDAS TAMYYTPCIT G
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.
Purity:	> 90 %

Target Details

Target:	SOX18
Alternative Name:	Transcription factor Sox-18B (sox18-b) (SOX18 Products)
Background:	Recommended name: Transcription factor Sox-18B. Short name= xSox18beta. Alternative name(s): SRY (sex determining region Y)-box 18B
UniProt:	Q90ZH7

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