

Datasheet for ABIN1671966

## SOX9a Protein (SOX9a) (AA 1-477) (His tag)



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### Overview

Quantity:	1 mg
Target:	SOX9a
Protein Characteristics:	AA 1-477
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX9a protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MNLLDPFMKM TEEQDKCMMSG APSPTMSDDS AGSPCPSGSG SDTENTRPQE NTFPKGDQEL</p> <p>KKETEDKFP VCIREAVSQV LKGYDWTLVP MPVRVNGSSK NKPHVKRPMN AFMVWAQAAR</p> <p>RKLADQYPHL HNAELSKTLG KLWRLLNEGE KRPFVEEAER LRVQHKKDHP DYKYQPRRRK</p> <p>SVKNGQTEQE DGAEQTHISP NAIFKALQAD SPHSSSSMSE VHSPGEHSGQ SQGPPTPPTT</p> <p>PKTDIQPGKP DLKREGRPLQ ENGRQPPHID FRDVDIGELS SEVISTIETF DVNEFDQYLP</p> <p>PNGHPGVGST QASYTGSYGI SSTPSATTGA GPAWMSKQQQ QQPQQHSLST LNSEQSQSQQ</p> <p>RTHIKTEQLS PSHYSDQQQ HSPQQQLNYSS FNLQHYSSSY PTITRAQYDY TEHQGSSTYY</p> <p>SHASGQNSGL YSTFSYMNPS QRPLYTIAD TTGVPSIPQT HSPQHWEPV YTQLTRP</p>
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: SOX9a

Alternative Name: Transcription factor Sox-9-A (sox9-a) ([SOX9a Products](#))

Background: Recommended name: Transcription factor Sox-9-A

UniProt: [B7ZR65](#)

## 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

**Storage:** -20 °C

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