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## Datasheet for ABIN1675892 SOX8 Protein (AA 1-459) (His tag)

### Overview

Quantity:	1 mg
Target:	SOX8
Protein Characteristics:	AA 1-459
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX8 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MLNMSSDQEP PCSPTGTASS MSHVSDSDSD SPLSPAGSEG RGSHPGPGIS KRDGEEPMDERFPACIRDAV SQVLKGYDWS LVPMPVRGSG GLKAKPHVKR PMNAFMVWAQ AARRKLADQY PHLHNAELSK TLGKLWRLLS ENEKRPFVEE AERLRVQHKK DHPDYKYQPR RRKSVKAGQS DSDSGAELGH HPGSQMYKSD SGMGSMGENH LHSEHAGQNH GPPTPPTTPK TDLHHGGKQE LKHEGRRMMD NGRQNIDFSN VDINELSSEV ISNIEAFDVH EFDQYLPLNG HGAIPADHGQ NNTAAPYGPS YPHAAGATPA PVWSHKSSST SSSSSIESGQ QRPPIKTEQL SPSHYNDQSQ GSPTHSYNT YSAQACATTV SSATVPTAFP SSQCDYTDLP SSNNYNPYSG YPSSLYQYPY FHSSRRPYAT PILNSLSIPP SHSPTSNWDQ PVYTTLTRP
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: SOX8

Alternative Name: Transcription factor Sox-8 (sox8) ([SOX8 Products](#))

Background: Recommended name: Transcription factor Sox-8

UniProt: [Q6VVD7](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Tube Formation](#), [Skeletal Muscle Fiber Development](#)

## 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.