Datasheet for ABIN1459039

SOX9 Protein (AA 1-494) (His tag)

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Overview

Quantity:	1 mg
Target:	SOX9
Protein Characteristics:	AA 1-494
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX9 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNLLDPFMKM TEEQDKGLSG APSPTMSDDS AGSPCPSGSG SDTENTRPPQ ENTFPKGDPD LKKESDEDKF PVCIREAVSQ VLKGYDWTLV PMPVRVNGSS KNKPHVKRPM NAFMVWAQAA RRKLADQYPH LHNAELSKTL GKLWRLLNES EKRPFVEEAE RLRVQHKKDH PDYKYQPRRR KTVKNGQSEQ EEGSEQTHIS PNAIFKALQA DSPQSSSSIS EVHSPGEHSG QSQGPPTPPT TPKTDAQQPG KQDLKREGPL AEGGRQPPHI DFRDVDIGEL SSDVISNIET FDVNEFDQYL PPNGHPGVPA THGQVTTYSG TYGISSSASS PAGAGHAWMA KQQPQPPQPP AQPPAQHTLP STEREQGPAQ QRPHIKTEQL SPSHNSEQQQ HPEQQQQQQQ QLGYGSFNLQ HYGFSYPPIT RSEYDYTEHQ NSGSYYSHAA GQSGSLYSTF TYMNPTQRPM YTPIADTSGV PTIPQTHSPQ QHWEQPVYTQ LTRP
Specificity:	Gallus gallus (Chicken)
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.

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Product Details

Purity:	> 90 %

Target Details

Target:	SOX9
Alternative Name:	Transcription factor SOX-9 (SOX9) (SOX9 Products)
Background:	Recommended name: Transcription factor SOX-9
UniProt:	P48434
Pathways:	EGFR Signaling Pathway, Stem Cell Maintenance, 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 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.

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