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Datasheet for ABIN1631895 MED7 Protein (AA 1-229) (His tag)

Overview

Quantity:	1 mg
Target:	MED7
Protein Characteristics:	AA 1-229
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MGEPQQVSAL PIPPMQYIKE YTDENIRKGL APKPPLPIKD SYMMFGNQFQ CDDLIIRPLE</p> <p>TQGIERLHPM QFDHKKELRK LLMSILVNFL DMLDILIRSP GSIRREEKLE DLKLLFVHMH</p> <p>HLINEYRPHQ ARETLRVMME VQKRQRLETA ERFQKHLERV VEMIQNCLAS LPNDLPLSDG</p> <p>AVSVKTEPMD VREPCTDHHA GPQEAAAASL KETTIDKDAA MCVIIDEMT</p>
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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.
Purity:	> 90 %

Target Details

Target:	MED7
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Target Details

Alternative Name:	Mediator of RNA polymerase II transcription subunit 7 (med7) (MED7 Products)
Background:	Recommended name: Mediator of RNA polymerase II transcription subunit 7. Alternative name(s): Cofactor required for Sp1 transcriptional activation subunit 9. Short name= CRSP complex subunit 9 Mediator complex subunit 7
UniProt:	Q5BJ48
Pathways:	Stem Cell Maintenance , Regulation of Lipid Metabolism by PPARalpha

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 modiflicated 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.