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Datasheet for ABIN1618986

**MED4 Protein (AA 1-263) (His tag)**

## Overview

Quantity:	1 mg
Target:	MED4
Protein Characteristics:	AA 1-263
Origin:	Aedes aegypti
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSSYHLSTKE RLLAIVDDIE IISKELIENT IAPKHQKMSS ADHGQLVELL VSKDKELKAT LQLAAEQAGI EKKMDGLREQ VKEQDEEINQ LQKQLKEAEH ILATSIFQGR QKLSSINKAV KRPVSSEELI KFAHRISASN AICAPLTWQQ GDLRRPYPTD IEMRLGFLGK SDLNINGHNA PNQNNLNEMQ RNAAGAGAGS GVADIPASAQ NQFAWHPSGE LHMTMGAGAG SVSLDTRSHK DASQDDVEVM STDSSSSSSS DSQ
Specificity:	Aedes aegypti (Yellowfever mosquito) (Culex aegypti)
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:	MED4
Alternative Name:	Mediator of RNA polymerase II transcription subunit 4 (MED4) ( <a href="#">MED4 Products</a> )
Background:	Recommended name: Mediator of RNA polymerase II transcription subunit 4. Alternative name(s): Mediator complex subunit 4
UniProt:	<a href="#">Q177A7</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## 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.