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Datasheet for ABIN1634001
MED21 Protein (AA 1-144) (His tag)

Overview

Quantity:	1 mg
Target:	MED21
Protein Characteristics:	AA 1-144
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED21 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADRLTQLQD AVNSLADQFC NAIGVLQQCG PPASFSNIQT AINKDQPANS TEEYAQLFAA LIARTAKDID VLIDSLPSEE STAALQAASL YKLEENHEA ATCLEVVYR GDMILLEKIQS ALADIAQSQL KTRSGTHSQS LPDS
Specificity:	Pongo abelii (Sumatran orangutan)
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:	MED21
Alternative Name:	Mediator of RNA polymerase II transcription subunit 21 (MED21) (MED21 Products)

Target Details

Background: Recommended name: Mediator of RNA polymerase II transcription subunit 21.
Alternative name(s): Mediator complex subunit 21 RNA polymerase II holoenzyme component SRB7.
Short name= RNAPII complex component SRB7

UniProt: [Q5RE46](#)

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 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.
