

Datasheet for ABIN1637170

## CSNK1A1L Protein (AA 1-323) (His tag)



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### Overview

Quantity:	1 mg
Target:	CSNK1A1L
Protein Characteristics:	AA 1-323
Origin:	Plasmodium falciparum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSNK1A1L protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MEIRVANKYA LGKKLGSGSF GDIYVAKDIV TMEEFAVKLE STRSKHPQLL YESKLYKILG GGIGVPKVIYW YGIEGDFTIM VLDLLGPSLE DLFTLCNRKF SLKTVLMTAD QMLNRIEYVH SKNFIHRDIK PDNFLIGRGK KVTLIHIIDF GLAKKYRDSR SHTHIPYKEG KNLTGTARYA SINTHLGIEQ SRRDDIEALG YVLMYFLRGS LPWQGLKAIS KKDKYDKIME KKISTSVEVL CRNASFEFVT YLNYCRSLRF EDRPDYTYLR RLLKDLFIRE GFTYDFLFDW TCVYASEKDK KKMLENKNRF DQTADQEGRV KQN
Specificity:	Plasmodium falciparum (isolate 3D7)
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:	CSNK1A1L
Alternative Name:	Casein kinase I (CK1) ( <a href="#">CSNK1A1L Products</a> )
Background:	Recommended name: Casein kinase I. EC= 2.7.11.1
UniProt:	<a href="#">Q8IHZ9</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 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.