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Datasheet for ABIN1635229

## CK1 epsilon Protein (AA 1-416) (His tag)

### Overview

Quantity:	1 mg
Target:	CK1 epsilon (CSNK1E)
Protein Characteristics:	AA 1-416
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CK1 epsilon protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MELRVGNKYR LGRKIGSGSF GDIYLGANIA TGEEVAIKLE CVKTKHPQLH IESKFYKMMQ GGVGIPSIKW CGAEGDYNVM VMELLGPSLE DLFNFCSRKF SLKTVLLAD QMISRIEYIH SKNFIHRDVK PDNFLMGLGK KGNLVYIIDF GLAKKYRDAR THQHIPPYREN KNLTGTARYA SINTHLGIEQ SRRDDLESLG YVLMYFNLGS LPWQGLKAAT KRQKYERISE KKMSTPIEVL CKGYPPSEFST YLNFCSRSLRF DDKPDYSYLR QLFRNLFHRQ GFSYDYVFDW NMLKFGAARN PEDMDRERRE HEREERMGQL RGSATRALPP GPPAGATGNR LRNVAEPMAS TPTSRIQQSG NTSPRAISRV DRERKVSMLR HRGAPANVSS SDLTGRQEVN RISASQTSVP FDHLGK
Specificity:	Gallus gallus (Chicken)
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:	CK1 epsilon (CSNK1E)
Alternative Name:	Casein kinase I isoform epsilon (CSNK1E) ( <a href="#">CSNK1E Products</a> )
Background:	Recommended name: Casein kinase I isoform epsilon. Short name= CKI-epsilon. Short name= CKIε. EC= 2.7.11.1
UniProt:	<a href="#">Q5ZLL1</a>
Pathways:	<a href="#">Hedgehog Signaling, M Phase</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.