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# Datasheet for ABIN1613294 CDK8 Protein (AA 1-464) (His tag)



Overview

Quantity:	1 mg			
Target:	CDK8			
Protein Characteristics:	AA 1-464			
Origin:	Xenopus tropicalis			
Source:	Yeast			
Protein Type:	Recombinant			
Purification tag / Conjugate:	This CDK8 protein is labelled with His tag.			
Application:	ELISA			
Product Details				

Sequence:	MDYDFKVKLT GERERVEDLF EYEGCKVGRG TYGHVYKAKR KDGRDDRDYA LKQIEGTGIS
	MSACREIALL RELKHPNVIS LQKVFLSHAD RKVWLLFDFA EHDLWHIIKF HRASKANKKP
	VQLPRGMVKS LLYQILDGIH YLHANWVLHR DLKPANILVM GEGPERGRVK IADMGFARLF
	NSPLKPLADL DPVVVTFWYR APELLLGARH YTKAIDIWAI GCIFAELLTS EPIFHCRQED
	IKTSNPYHHD QLDRIFNVMG FPADKDWEDI KKMPEHSTLI KDFRRNTYTN CSLIKYMEKH
	KVKPDSKTFH LLQKLLTMDP IKRISSEQAM QDPYFLEDPL PTSDVFAGCQ IPYPKREFLT
	EEEPDDKGDK KNQQQQQGNN HTNGTGHPGN QDNSHAQGPP LKKVRVVPPT TTSGGLIMTS
	DYQRSNPHAA YQNPGPSTSQ PQSSMGYSST SQQPPQYSHQ THRY
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

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#### Product Details

Purity:

> 90 %

## Target Details

Target:	CDK8	
Abstract:	CDK8 Products	
Background:	Recommended name: Cyclin-dependent kinase 8.	
	EC= 2.7.11.22.	
	EC= 2.7.11.23.	
	Alternative name(s): Cell division protein kinase 8 Mediator complex subunit cdk8 Mediator of	
	RNA polymerase II transcription subunit cdk8	
UniProt:	Q6P3N6	
Pathways:	Cell Division Cycle, 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 modificated 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	

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#### Handling

Storage:	-20 °C		

Storage Comment:

Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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