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## Datasheet for ABIN1613849 CDK8 Protein (AA 1-464) (His tag)

### Overview

Quantity:	1 mg
Target:	CDK8
Protein Characteristics:	AA 1-464
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK8 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MGYDFKVKLT GERERVEDLF EYEGCKVGRG TYGHVYKAKR KDGKDDRDYA LKQIEGTGIS</p> <p>MSACREIALI RELKHPNVIS LQKVFLSHAD RKVWLLFDYA EHDLWHIIFK HRASKANKKP</p> <p>LQLPRGMVKS LLYQILDGIH YLHANWVLHR DLKPANILVM GEGPERGRVK IADMGFARLS</p> <p>NSPLKPLADL DPVVVTFWYR APELLLGARH YTKAIDIWAI GCIFAELLTS EPIFHCRQED</p> <p>IKTSNPYHHD QLDRIFNVMG FPADKDWEDI KKMPEHSTLM KDFRRNTYTN CSLIKYMEKH</p> <p>KVKPDSKAFH LLQKLLTMDP IRRITSEQAM QDPYFLEEPL PTSDVFAGCQ IPYPKREFLT</p> <p>EEEPEDKADK KNQQQQQGNN HTNGAGHTGN PDNSHAQGPP LKKVRVVPPT ATSSGLIMTS</p> <p>DYQRSNPHAA YQNPGPSTSL PQSSMGYSST SQQPPQYSHQ THRY</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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.

## 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: [Q8JH47](#)

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 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

## Handling

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Storage: -20 °C

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