

Datasheet for ABIN1668661
CDK14 Protein (AA 1-423) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CDK14
Protein Characteristics:	AA 1-423
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSTRNCQGID SVIKPLDTIP EDKKVRVQRT QSSFDPFEKT SNQVKRVHSE NNACINFKSA SVGKESPKVR RHSSPSSPTS PKFGKADSYE KLEKLGEFSY ATVYKGKSKV NGKLVALKVI RLQEEEGTPF TAIREASLLK GLKHANIVLL HDIIHTKETL TLVFEYVHTD LCQYMDKHPG GLNPENVKLF LFQLLRGLSY IHQGHILHRD LKPQNLLISD TGELKLADFG LARAKSVPSH TYSNEVTLW YRPPDVLLGS TDYSTCLDMW GVGCFVEMI QGVAAFPGMK DIQDQLERIF LILGTPNEET WPGVHSLPHF KLERFTQYGP KNLRQAWNKL SYVNHAEDLA SKLLQCFPKN RLSAQAALNH DYFSDLPPRL WELSDMSSIF TVPNVKLQPE AGESMRVFGK NNSFSKSLSN SKH
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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:	CDK14
Abstract:	CDK14 Products
Background:	Recommended name: Cyclin-dependent kinase 14. EC= 2.7.11.22. Alternative name(s): Cell division protein kinase 14
UniProt:	A4IIW7

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.