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Datasheet for ABIN1608987 CDK7 Protein (AA 1-344) (His tag)



Overview	
Quantity:	1 mg
Target:	CDK7
Protein Characteristics:	AA 1-344
Origin:	Crucian Carp
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK7 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MALDVKSRAK LYEKLDFLGE GQFATVYKAR DKTTNTIVAI KKIKVGHRTE AKDGINRTAL
	REIKLLQELS HPNIIGLLDA FGHKSNISLL CFMETDLEVI IKDTSLVLTP ANIKAYILMS
	LQGLEYMHNH WILHRDLKPN NLLLDENGVL KLADFGLAKA FGSPNRVYTH QVVTRWYRAP
	ELLFGARMYG VGVDMWAVGS ILAELLLRVP FLAGDSDLDQ LTGIFEALGT PTEETWPGMS
	NLPDYVSFKL FPGTPLEHIF SAAGDDLLEL LKGLFTFNPC TRTTASQALK MRYFSIRPGP
	TPGPQLPRPN SSTEALKEKE NLLIGIKRKR DSIEQGTLKK KLVF
Specificity:	Carassius auratus (Goldfish)
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.
Purity:	> 90 %

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Target Details

Target:	CDK7
Abstract:	CDK7 Products
Background:	Recommended name: Cyclin-dependent kinase 7.
	EC= 2.7.11.22.
	EC= 2.7.11.23.
	Alternative name(s): 40 kDa protein kinase CDC2/CDK2,4-activating kinase Cell division protein
	kinase 7 P40 M015
UniProt:	P51953
Pathways:	Cell Division Cycle, DNA Damage Repair, Intracellular Steroid Hormone Receptor Signaling
	Pathway, Mitotic G1-G1/S Phases, M Phase

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
Storage:	-20 °C

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

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