

Datasheet for ABIN7585448  
**CDK18 Protein (AA 1-451) (His tag)**



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## Overview

Quantity:	100 µg
Target:	CDK18
Protein Characteristics:	AA 1-451
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK18 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MNKMKNFKRR LSLSVRPET IEESLTFE TE QFNQLHTQRN EDGRDEPGQL SPGVQYQQRQ</p> <p>NQRRFSMEDL NKRLSLPMDI RLPQEFLQKL QLENPGLPKP LTRMSRRASL SDIGFGKLET</p> <p>YVKLDKLGEG TYATVFKGRS KLTENLVALK EIRLEHEEGA PCTAIREVSL LKDLKHANIV</p> <p>TLHDLIHTDR SLTLVFEYLD SDLKQYLDHC GNLMNMHNVK IFMFQLLRGL AYCHRRKILH</p> <p>RDLKPQNLLI NERGELKLAD FGLARAKSVP TKTYSNEVVT LWYRPPDVLL GSTEYSTPID</p> <p>MWGVGCILYE MATGKPLFPG STVKEELHLI FRLLGTPTEE SWPGVTSISE FRAYNFPRYL</p> <p>PQPLLSHAPR LDTEGINLLT SLLLYESKSR MSAEAAALSHP YFQSLGERVH QLDDTASIFS</p> <p>LKEIQLQKDP GYRGLAFQHP GRGKSRRQSI F</p>
Specificity:	Rattus norvegicus (Rat)
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

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Purity: > 90 %

## Target Details

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Target: CDK18

Abstract: [CDK18 Products](#)

Background: Recommended name: Cyclin-dependent kinase 18.  
EC= 2.7.11.22.  
Alternative name(s): Cell division protein kinase 18 PCTAIRE-motif protein kinase 3  
Serine/threonine-protein kinase PCTAIRE-3

UniProt: [O35832](#)

## Application Details

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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

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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

## Handling

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