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Datasheet for ABIN1476891  
**CDK4 Protein (AA 2-303) (His tag)**

### Overview

Quantity:	1 mg
Target:	CDK4
Protein Characteristics:	AA 2-303
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ATSRYEPVA EIGVGAYGTV YKARDPHSGH FVALKSVRVP NGGGAGGGGLP ISTVREVALL RRLEAFEHPN WVRLMDVCAT ARTDRETKVT LVFEHVDQDL RTYLDKAPPP GLPVETIKDL MRQFLRGLDF LHANCIVHRD LKPENILVTS GGTVKLADFG LARIYSYQMA LTPVVVTLWY RAPEVLLQST YATPVMWSV GCIFAEMFRR KPLFCGNSEA DQLGKIFDLI GLPPEDDWPR DVSLPRGAFS PRGPRPVQSV VPELEESGAQ LLEMLTFNP HKRISAFRAL QHSYLHKAEG DAE
Specificity:	Ovis aries (Sheep)
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

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Target:	CDK4
Alternative Name:	Cyclin-dependent kinase 4 ( <a href="#">CDK4 Products</a> )
Background:	Recommended name: Cyclin-dependent kinase 4. EC= 2.7.11.22. Alternative name(s): Cell division protein kinase 4

UniProt: [B2MVY4](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases, Regulation of Cell Size](#)

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