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Datasheet for ABIN1654117  
**ADK Protein (AA 1-363) (His tag)**

### Overview

Quantity:	1 mg
Target:	ADK
Protein Characteristics:	AA 1-363
Origin:	Toxoplasma gondii
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADK protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAVDSSNSAT GPMRVFAIGN PILDLVAEVP SSFLDEFFLK RGDATLATPE QMRIYSTLDQ FNPTSLPGGS ALNSVRVVQK LLRKPGSAGY MGAIGDDPRG QVLKELCDKE GLATRFMVAP GQSTGVCAVL INEKERTLCT HLGACGSFRL PEDWTFASG ALIFYATAYT LTATPKNALE VAGYAHGIPN AIFTLNLSAP FCVELYKDAM QSLLLHTNIL FGNEEEFAHL AKVHNLVAAE KTALSTANKE HAVEVCTGAL RLLTAGQNTG ATKLVVMTRG HNPVIAAEQT ADGTVVVHEV GVPVVA AEKI VDTNGAGDAF VGGFLYALSQ GKTVKQCIMC GNACAQDVIQ HVGFSLSFTS LPC
Specificity:	Toxoplasma gondii
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:	ADK
Alternative Name:	Adenosine kinase (AK) ( <a href="#">ADK Products</a> )
Background:	Recommended name: Adenosine kinase. Short name= AK. EC= 2.7.1.20. Alternative name(s): Adenosine 5'-phosphotransferase
UniProt:	<a href="#">Q9TVW2</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## 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 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

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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.