



[Go to Product page](#)

Datasheet for ABIN1665457  
**ADK Protein (AA 1-361) (His tag)**

### Overview

Quantity:	1 mg
Target:	ADK
Protein Characteristics:	AA 1-361
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADK protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAAAEPPKPK KLKVEXPQAL SENVLFMGMN PLLDISAVVD KDFLDKYSLK PNDQILAE EK HKELFDELVR KFKVEYHAGG STQNSIKVAQ WMIQKPHKAA TFFGCIGIDK FGEILKSKAA EAHVDAHYE QNEQPTGTCA ACITGDNRS L VANLAAANCY KKEKHLLEN NWVLVEKARV YYIAGFFLTV SPESVLKVAR YAAENNRIFT LNLSAPFISQ FFKESLMEVM PYVDILFGNE TEAATFAREQ GFETKDIKEI AKKAQALAKV NSKRPRTVVF TQGRDDTVVA TENEVMAFAV LDQNQKEIID TNGAGDAFVG GFLSQLVYNK PLTECIRAGH YAASVIIRRT GCTFPEKPDF H
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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:	ADK
Abstract:	<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="#">P55262</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

---

Comment:	<p>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.</p>
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.