

Datasheet for ABIN1509391

## Hexokinase Protein (AA 1-493) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Hexokinase
Protein Characteristics:	AA 1-493
Origin:	Plasmodium falciparum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Hexokinase protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MSEYDIAKND VTYTKLDTIE CDIPINEELS WRINKFVNQL RISYSTLEEF VDNFVYELKK</p> <p>GLEAHRKHPN LWIPHECSFK MLDSCIANIP TGQEKGYTYA IDFGGTNFRA VRASLDGKGGK</p> <p>IKRDQETYSL KFTGSYSHEK GLLDKHATAS QLFDHFAERI KYIMGFNDL DNKEVKSVMGF</p> <p>TFSFPCTSPS INCSILIDWT KGFETGRATN DPVEGRDVCK LMNDAFVRAA IPAKVCCVLN</p> <p>DAVGTLMSCA YQKGRGTPPC YIGIILGTGS NGCYYPEWK KYKYAGKIIN IEFGNFDKDL</p> <p>PTSPIDLVM D WYSANRSRQL FEKMISGAYL GEIVRRFMVN VLQSACSKKM WISDSFNSES</p> <p>GSVVLNDSK NFEDSRKVAK AAWDMDFDE QIYVLRKICE AVYNRSAALA RGTIAAIAKR</p> <p>IKIIEHSKFT CGVDGSLFVK NAWYCKRLQE HLKVLADKA ENLIIPADD GSGKGAAITA</p> <p>AVIALNADIP QLP</p>
Specificity:	Plasmodium falciparum
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: Hexokinase

Alternative Name: Hexokinase (HK) ([Hexokinase Products](#))

Background: Recommended name: Hexokinase.  
EC= 2.7.1.1

UniProt: [Q02155](#)

## 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.