

Datasheet for ABIN7584184  
**EEF2K Protein (AA 1-724) (His tag)**



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## Overview

Quantity:	100 µg
Target:	EEF2K
Protein Characteristics:	AA 1-724
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF2K protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MADEDLIFRL EGVGGGGSSG AGRHGSDTD SDDDEGYFIC PITDDHMSNQ NVNSKGQGY NLLKTECGS TGSPASSFHF KEAWKHAIEK AKHMPDPWAE FHLEDIATEH ATRHRYNAV GEWLKDEVLI KMASQPFGRG AMRECFRTKK LSNFLHAQHW KGASNYVAKR YLEPVDRSVY FEDVQLQMEA KLWGEEYNRH KPPKQVDIMQ MCIIELKDRQ GQPLFHLEHY IEGKYIKYNS NSGFVRDDNI RLTPQAFSHF TFERSGHQLI VVDIQVVDL YTDPIHTEK GTDFGDGNL VRGMALFFYS HACNRICQSM GLAPFDLSPR EQDAVNQSTK LLQSAKTILR GTECKGSPR IRTLGSRPP LLLRLSENSG DENMSDVTFD SLPSSPSSAT PHSQKLDHLH WPVFGDLN GPRDHDRMDN HRDSENSGDS GYPSEKRS DL DDPEPREHGH SNGNRRPESD EDSL GSSGRV CVETWNLLNP SRLHLPRPSA VALEVQRLNA LDLGRKIGKS VLGKVHLAMV RYHEGGRFCE KDEEWDQESA IFHLEHAADL GELEAIVGLG LMYSQPHHI LADVSLEETE ENKTKGFDYL LKAAEAGDRQ SMILVARAFD TGLNLSPDRC QDWSEALHWY NTALETTDCD EGGEYDGIQD EPQYALLARE AEMLLTGGFG LDKNPQRSGD LYTQAAEAAM EAMKGR LANQ YYEKAEAWA
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## Product Details

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QMEE

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.

Purity: > 90 %

## Target Details

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Target: EEF2K

Alternative Name: Eukaryotic elongation factor 2 kinase (Eef2k) ([EEF2K Products](#))

Background: Recommended name: Eukaryotic elongation factor 2 kinase.  
Short name= eEF-2 kinase.  
Short name= eEF-2K.  
EC= 2.7.11.20.  
Alternative name(s): Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase

UniProt: [P70531](#)

Pathways: [AMPK Signaling](#)

## 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

## Handling

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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.