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Datasheet for ABIN1475493

**AMPD3 Protein (AA 1-765) (His tag)**

## Overview

Quantity:	1 mg
Target:	AMPD3
Protein Characteristics:	AA 1-765
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMPD3 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MPRQFPKLNMSDLDEHVRLLAEKVFAKVLREEDSKDVMSLFTVPKDCPIGQKEAKERELQ KELAEQKSVE TAKRKKSFKMIRSQSMSLQMPTQDWKGPPSVSPAMSPTTP LVLGAASKPG LAPYDMPEYQRATISGDYCA GITMEDYEQA AKSLAKALMI REKYARLAYH RFPRTTAQYL AHQGESVPLE EGLPDFHPPP LPQEDPYCLD DAPPNLGYLV RMQGGVLFVY DNQTMLEKQE PHSLPYPDLE TYIVDMSHIL ALITDGPTKT YCHRRNLNLE SKFSLHEMLN EMSEFKELKS NPHRDFYNVR KVDTHIHAAA CMNQKHLLRF IKYTYQTEPD RTVAEKLGRK ITRQVFDLSL HMDPYDLTVD SLDVHAGRQT FHGFDKFNSK YNPVGASELR DLYLK TENYL GGEYFARMVK EVARELEDSK QYSEPRLSI YGRSPKEWSS LARWFIQHKV YSPNMRWIIQ VPRIYDIFRS KKLLPSFGKM LENIFLPLFQ ATINPQDHRH LHLFLKYVTG FDSVDDESKH SDHMFSDKSP SPDLWTSEQN PPYSYYLYYM YANIMVLNNL RRERGLSTFL FRPHCGEAGS ITHLVSAFLT ADNISHGLLL KKSPVLQYLY YLAQIPIAMS PLSNNSLFLE YSKNPLREFL HKGLHVSLSL DDPMQFHYTK EALMEEYAIA AQVWKLSTCD LCEIARNSVL QSGLSHQEKQ KFLGQNYKE
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## Product Details

GPEGNDIRKT NVAQIRMAFR YETLCNELSF LSDAMKSEEI TALAD

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

Target: AMPD3

Alternative Name: AMP deaminase 3 (Ampd3) ([AMPD3 Products](#))

Background: Recommended name: AMP deaminase 3.  
EC= 3.5.4.6.  
Alternative name(s): AMP deaminase isoform E

UniProt: [O09178](#)

## Application Details

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

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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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.