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Datasheet for ABIN1475994
AMPD1 Protein (AA 1-747) (His tag)

Overview

Quantity:	1 mg
Target:	AMPD1
Protein Characteristics:	AA 1-747
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMPD1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MPLFKLTGQG KQIDDAMRSF AEKVFASEVK DEGGRHEISP FDVDEICPIS LREMQAHFH
MENLSMSMDG RRRRRFQGRK TVNLSIPQSE TSSTKLSHIE EFISSSPTYE SVPDFQRVQI
TGDYASGVTV EDFEVVCKGL YRALCIREKY MQKSFQRFPK TPKYLNRNID GEALVAIESF
YPVFTPPPCK GEDPFRREDL PANLGYHLKM KGGVIYIPD EAAASRDEPK PYPYPNLDDF
LDDMNFLAL IAQGPVKTYT HRRLKFLSSK FQVHQMLNEM DELKELKNNP HRDFYNCRKV
DTHIHAAACM NQKHLLRFIK KSYHIDADRV VYSTKEKNLT LKELFAQLNM HPYDLTVDSL
DVHAGRQTFQ RFDKFNDKYN PVGASELRDL YLKTDNYING EYFATIIKEV GADLVDAKYQ
HAEPRLSIYG RSPDEWSKLS SWFVGNRIYC PNMTWMIQVP RIYDVFRSKN FLPHFGKMLE
NIFLPVFEAT INPQTHPDLS VFLKHITGFD SVDDDESKHSG HMFSSKSPKP EEWTMENNPS
YTTYAYMYA NIMVLNCLRK ERGMNTFLFR PHCGEAGALT HLMTAFMIAD NISHGLNLKK
SPVLQYLFFL AQIPIAMSPL SNNSLFLEYA KNPFLDFLQK GLMISLSTDD PMQFHFTKEP
LMEEYAAAAQ VFKLSTCDMC EVARNSVLQC GISHEEKAKF LGNNYLEEGP VGNDIRRTNV

Product Details

AQIRMAYRYE TWCYELNLIA EGLKSTE

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: AMPD1

Alternative Name: AMP deaminase 1 (Ampd1) ([AMPD1 Products](#))

Background: Recommended name: AMP deaminase 1.
EC= 3.5.4.6.
Alternative name(s): AMP deaminase isoform M Myoadenylate deaminase

UniProt: [P10759](#)

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

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.