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Datasheet for ABIN1476034  
**PPM1A Protein (AA 2-382) (His tag)**

### Overview

Quantity:	1 mg
Target:	PPM1A
Protein Characteristics:	AA 2-382
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1A protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>GAFLDKPKM EKHNAQGQGN GLRYGLSSMQ GWRVEMEDAH TAVIGLPSGL ETWSFFAVYD GHAGSQVAKY CCEHLLDHIT NNQDFKGSAG APSVENVKNG IRTGFLEIDE HMRVMSEKKH GADRSSTAV GVLISPQHTY FINCGDSRGL LCRNRKVHFF TQDHKPSNPL EKERIQNAGG SVMIQRVNGS LAVSRALGDF DYKCVHGKGP TEQLVSPEPE VHDIERSEED DQFIILACDG IWDVMGNEEL CDFVRSRLEV TDDLEKVCNE VVDTCLYKGS RDNMSVILIC FPNAPKVSAA AVKKEAELDK YLENRVEEII KKQGEVGPLD VHVMRTLASE NIPSLPPGGE LASKRNVIEA VYNRLNPYKN DDTDSASTDD MW</p>
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:	PPM1A
Alternative Name:	Protein phosphatase 1A (Ppm1a) ( <a href="#">PPM1A Products</a> )
Background:	Recommended name: Protein phosphatase 1A. EC= 3.1.3.16. Alternative name(s): Protein phosphatase 2C isoform alpha. Short name= PP2C-alpha Protein phosphatase IA
UniProt:	<a href="#">P20650</a>

## 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
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.