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Datasheet for ABIN1658896
PPM1F Protein (AA 1-450) (His tag)

Overview

Quantity:	1 mg
Target:	PPM1F
Protein Characteristics:	AA 1-450
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1F protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASGAPQNSS QMACDGEIPG FLDTLLQDFP APLSLESPLP WKVPGTVLGQ EEVEAELTEL AMGFLGSRNA PPAVAAAVTH EAISQLLQTD LSEFKRLPEQ EEEEEEEER VLTTLLDAKG LSRSFFNCLW EVCSQWQKRV PLTAQAPQRK WLVSIIHAIRN TRRKMEDRHV SLPAFNHLFG LSDSVHRAYF AVFDGHGGVD AARYASVHVH TNASHQPELL TDPAAALKEA FRHTDQMFLQ KAKRERLQSG TTGVCALITG AALHVAWLGD SQVILVQQGQ VVKLMEPHKP ERQDEKSRIE ALGGFVSLMD CWRVNGTLAV SRAIGDVFQK PYVSGEADAA SRELTGLEDY LLLACDGGFFD VVPHEIPGL VHGHLLRQKG SGMHVAEELV AVARDRGS HD NITVMVFLR DPLELLEGGG QGAGGAQADV GSQDLSTGLS ELEINTSQRS
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.

Product Details

Purity: > 90 %

Target Details

Target: PPM1F

Alternative Name: Protein phosphatase 1F (Ppm1f) ([PPM1F Products](#))

Background: Recommended name: Protein phosphatase 1F.
EC= 3.1.3.16.
Alternative name(s): Ca(2+)/calmodulin-dependent protein kinase phosphatase.
Short name= CaM-kinase phosphatase.
Short name= CaMKPase Partner of PIX 2

UniProt: [Q9WVR7](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

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 Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.