

Datasheet for ABIN7590670

PPM1E Protein (AA 1-750) (His tag)



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Overview

Quantity:	100 µg
Target:	PPM1E
Protein Characteristics:	AA 1-750
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1E protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAGCIPEEKT YRRFLELFLG EFRGPCGGGE PEPEPESEPE PEPEAELVAA EAAEASGEDP</p> <p>GEDAATVEAA EEGVQDQDPE PEEEAVEREEA AAEGEREEEE EEAAPGHSA VPPPQPQLPP</p> <p>LPPLPRPLSE RITREEVEGE SLDLCLQLY KYNCPSFLAA ALARATSDEV LQSDLSAHC</p> <p>PKETDGTEGT VEITVKLAR SVFSKLHEIC CNWVKDFPLR RRPQIYYETS IHAIKNMRRK</p> <p>MEDKHVCIPD FNMLFNLEDQ EEQAYFAVFD GHGGVDAAIY ASVHLHVNLV RQEMFPHDPA</p> <p>EALCRAFRVT DERFVQKAAR ESLRCGTTGV VTFIRGNMLH VAWVGDSQVM LVRKGQAVEL</p> <p>MKPHKPDRED EKQRIEALGG CVVWFGAWRV NGSLSVSRAI GDAEHKPYIC GDADSASTVL</p> <p>DGTEDYLILA CDGFYDTVNP DEAVKVVSDH LKENNGDSSM VAHKLVASAR DAGSSDNITV</p> <p>IVVFLRDMNK AVNVSEESDW TENSFQGGQE DGGDDKENHG ECKRPWPQH QCSAPADLGYE</p> <p>GRVDSFTDRT SLSPGPQINV LEDPDYDLT QIETSKPHST QFLPPVEMIG PGAPKKAYVN</p> <p>ELIMEESSVT PSQPERSGAG ELLVSFNLGS TGQQICRMEN LSPVYSGLEN EQFKSPGKRA</p> <p>SRLYHLRHHY SKRQRGFRFN PKFYSSFFSAQ ESSRKIGISL SSLTRSGKRN KMLRSSLPWR</p>
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Product Details

ENSWEGYSGN MAIRKRNNIS CPDLPWDYKI

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: PPM1E

Alternative Name: Protein phosphatase 1E (Ppm1e) ([PPM1E Products](#))

Background: Recommended name: Protein phosphatase 1E.
EC= 3.1.3.16.
Alternative name(s): Ca(2+)/calmodulin-dependent protein kinase phosphatase N.
Short name= CaMKP-N CaMKP-nucleus.
Short name= CaMKN Partner of PIX 1 Partner of PIX-alpha.
Short name= Partner of PIXA

UniProt: [Q80Z30](#)

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

Handling

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.