Datasheet for ABIN1634568

GMPPB Protein (AA 1-360) (His tag)

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Overview

Quantity:	1 mg
Target:	GMPPB
Protein Characteristics:	AA 1-360
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GMPPB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKALILVGGY GTRLRPLTLS VPKPLVDFCN KPILLHQVEA LVKAGVTHVI LAVSYMSDML EKEMKEQEKR LGIRISMSHE KEPLGTAGPL ALARELLTEN SEPFFVLNSD VICDFPFEDM VRFHKHHGKE GTIVVTKVEE PSKYGVVVYE TESGQIQRFV EKPQVFVSNK INSGLYIFSP AVLDRIQLRP TSIEKEIFPA MAQEGQLYAM ELQGFWMDIG QPKDFLTGMC MYLQSVRQKH PEWLHAGPGF IGNVLVDPTA KIGQNCSIGP NVTIGPGVTV EDGVRIKRCT VMKGSRLHSH SWLESSIVGW SSSVGQWVRM ENVTVLGEDV IVNDELYLNG ANVLPHKCIS ESVPEPRIIM
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	GMPPB
Alternative Name:	Mannose-1-phosphate guanyltransferase beta-A (gmppb-a) (GMPPB Products)
Background:	Recommended name: Mannose-1-phosphate guanyltransferase beta-A. EC= 2.7.7.13. Alternative name(s): GDP-mannose pyrophosphorylase B-A GTP-mannose-1-phosphate guanylyltransferase beta-A
UniProt:	Q68EY9

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