

Datasheet for ABIN7593105

PP2A-2 Protein (AA 1-377) (His tag)



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Overview

Quantity:	100 µg
Target:	PP2A-2
Protein Characteristics:	AA 1-377
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PP2A-2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDMEIDDPMH GSDEDQLSPT LDEDMNSDDG KNNTKARSND EDTDEELEDNF NFKPGSSGIA DHKSSKPLKL TNTNINQLDQ WIEHLSKCEP LSEDDVARLC KMAVDVLQFE ENVKPINVPV TICGDVHGQF HDLLELFKIG GPCPDNTYLF MGDYVDRGY SVETVSYLVA MKVRYPHRIT ILRGNHESRQ ITQVYGFYDE CLRKYGSANV WKMFTDLFDY FPVTALVDNK IFCLHGGLSP MIETIDQVRD LNRIQEVPE GPMCDLLWSD PDDRGGWGIS PRGAGFTFGQ DISEQFNHTN DLSLIARAHQ LVMEGYSWSH QQNVVTIFSA PNYCYRCGNQ AAIMEVDENH NRQLQYDPS VRPGEPTVTR KTPDYFL
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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:	PP2A-2
Alternative Name:	Serine/threonine-protein phosphatase PP2A-2 catalytic subunit (PPH22) (PP2A-2 Products)
Background:	Recommended name: Serine/threonine-protein phosphatase PP2A-2 catalytic subunit. EC= 3.1.3.16
UniProt:	P23595

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