Datasheet for ABIN1511567

PPP2R2B Protein (AA 1-468) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PPP2R2B
Protein Characteristics:	AA 1-468
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R2B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPCSVEDKTG LCGSRYSVMI PELQESVIFS EDSRHYNEKQ TRRQRKSSAD IISTVEFNNT GELLATGDKG GRVVIFQREQ ENKNQPHRRG EYNVYSTFQS HEPEFDYLKS LEIEEKINKI RWLPQQNAAY FLLSTNDKTV KLWKVSERDK RPEGYNLKDE EGRIRDPCTI TSLRVPVLRP MDLMVEATPR RVFSNAHTYH INSISVNSDY ETYMSADDLR INLWNLEITN RSFNIVDIKP TNMEELTEVI TAAEFHPHNC NTFVYSSSKG TIRLCDMRSS ALCDKHSKLF EEPEDPSNRS FFSEIISSIS DVKFNHSGRY IMTRDYLTVK VWDLNMENRP IETYQVHDYL RSKLCSLYEN DCIFDKFECV WNGSDSVIMT GSYNNFFRMF DRNTKRDVTL EASRENSKPR AILKPRKVCV GGKRRKDEIS VDSLDFSKKI LHTAWHPSEN IIAVAATNNL YIFQDKVN
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.

Product Details

Purity:	> 90 %

Target Details

Target:	PPP2R2B
Alternative Name:	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (ppp2r2b) (PPP2R2B Products)
Background:	Recommended name: Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform. Alternative name(s): PP2A subunit B isoform B55-beta PP2A subunit B isoform PR55-beta PP2A subunit B isoform R2-beta PP2A subunit B isoform beta
UniProt:	A1L3L9
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, Hepatitis C

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

Handling

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