Datasheet for ABIN7585648

PPP3CA Protein (AA 2-521) (His tag)

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Overview

Quantity:	100 µg
Target:	PPP3CA
Protein Characteristics:	AA 2-521
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP3CA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SEPKAIDPK LSTTDRVVKA VPFPPSHRLT AKEVFDNDGK PRVDILKAHL MKEGRLEESV ALRIITEGAS ILRQEKNLLD IDAPVTVCGD IHGQFFDLMK LFEVGGSPAN TRYLFLGDYV DRGYFSIECV LYLWALKILY PKTLFLLRGN HECRHLTEYF TFKQECKIKY SERVYDACMD AFDCLPLAAL MNQQFLCVHG GLSPEINTLD DIRKLDRFKE PPAYGPMCDI LWSDPLEDFG NEKTQEHFTH NTVRGCSYFY SYPAVCDFLQ HNNLLSILRA HEAQDAGYRM YRKSQTTGFP SLITIFSAPN YLDVYNNKAA VLKYENNVMN IRQFNCSPHP YWLPNFMDVF TWSLPFVGEK VTEMLVNVLN ICSDDELGSE EDGFDGATAA ARKEVIRNKI RAIGKMARVF SVLREESESV LTLKGLTPTG MLPSGVLSGG KQTLQSATVE AIEADEAIKG FSPQHKITSF EEAKGLDRIN ERMPPRRDAM PSDANLNSIN KALASETNGT DSNGSNSSNI Q
Specificity:	Rattus norvegicus (Rat)
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:	PPP3CA
Alternative Name:	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (Ppp3ca) (PPP3CA Products)
Background:	Recommended name: Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform. EC= 3.1.3.16. Alternative name(s): CAM-PRP catalytic subunit Calmodulin-dependent calcineurin A subunit alpha isoform
UniProt:	P63329
Pathways:	RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway, Negative Regulation of Hormone Secretion, Carbohydrate Homeostasis, Synaptic Membrane, Skeletal Muscle Fiber Development, Protein targeting to Nucleus, VEGF Signaling, BCR Signaling

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

Handling

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.