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Datasheet for ABIN1474023 PPP3CB Protein (AA 2-525) (His tag)

Overview

Quantity:	1 mg
Target:	PPP3CB
Protein Characteristics:	AA 2-525
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP3CB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AAPEPARAA PPPPPPPPP LGADRVVKAV PFPPTHRLTS EEVFDMDGIP RVDVLKNHLV KEGRVDEEIA LRIINEGAAI LRREKTMIEV EAPITVCGDI HGQFFDLMKL FEVGGSPANT RYLFLGDYVD RGYFSIECVL YLWVLKILYP STLFLLRGNH ECRHLTEYFT FKQECKIKYS ERVYEACMEA FDSLPLAALL NQQFLCVHGG LSPEIHTLDD IRRLDRFKEP PAFGPMCDLL WSDPSEDFGN EKSQEHFSHN TVRGCSYFYN YPAVCEFLQN NNLLSIIRAH EAQDAGYRMY RKSQTTGFPS LITIFSAPNY LDVYNNAKAAV LKYENNVMMNI RQFNCSPHPY WLPNFMVDVFT WSLPFVGEKV TEMPLVNLSI CSDELMTGEG EDQFDVGSAA ARKEIIRNKI RAIGKMARVF SVLREESESV LTLKGLTPTG MLPSGVLGG RQTLQSATVE AIEAEKAIRG SSPPHRICSF EEAKGLDRIN ERMPPRKDAV QQDGFNSLNT AHTTENHGTG NHSAQ
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.

Product Details

Purity: > 90 %

Target Details

Target: PPP3CB

Alternative Name: Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform (Ppp3cb) ([PPP3CB Products](#))

Background: Recommended name: Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform.
EC= 3.1.3.16.
Alternative name(s): CAM-PRP catalytic subunit Calmodulin-dependent calcineurin A subunit beta isoform

UniProt: [P20651](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Regulation of Leukocyte Mediated Immunity](#), [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 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

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.