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Datasheet for ABIN1476116

PPP2R2B Protein (AA 1-443) (His tag)

Overview

Quantity:	1 mg
Target:	PPP2R2B
Protein Characteristics:	AA 1-443
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R2B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEEDIDTRKI NNSFLRDHSY ATEADIISTV EFNHTGELLA TGDKGGRVVI FQREQESKNQ VHRRGEYNVY STFQSHEPEF DYLSLEIEE KINKIRWLPQ QNAAYFLLST NDKTVKLWKV SERDKRPEGY NLKDEEGRLR DPATITTLRV PVLRPMDLMV EATPRRVFAN AHYHINSIS VNSDYETYMS ADDLRINLWN FEITNQSFNI VDIKPANMEE LLEVITAAEF HPHHCNTFVY SSSKGTIRLC DMRASALCDR HTKFFEEPED PSNRSFFSEI ISSISDVKFS HSGRYIMTRD YLTAKVWDLN MENRPVETYQ VHDYLRSLKCL SLYENDCIFD KFECVWNGSD SVIMTGSYNN FFRMFDRNTK RDVTLEASRE NSKPRAILKP RKVCVGGKRR KDEISVDSL D FSKKILHTAW HPSENIIVA ATNNLYIFQD KVN
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: 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 BRB PP2A subunit B isoform PR55-beta PP2A subunit B isoform R2-beta PP2A subunit B isoform beta

UniProt: [P36877](#)

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 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

Handling

Storage: -20 °C

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