Datasheet for ABIN7585677

PRKAR1B Protein (AA 2-381) (His tag)

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Overview

Quantity:	100 µg
Target:	PRKAR1B
Protein Characteristics:	AA 2-381
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKAR1B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASPSCFHSE DEDSLKGCEM YVQKHGIQQV LKECIVHLCV AKPDRPLRFL REHFEKLEKE ENRQILARQK SNSQCDSHDE EISPTPPNPV VKARRRRGGV SAEVYTEEDA VSYVRKVIPK DYKTMTALAK AISKNVLFSH LDDNERSDIF DAMFPVTHID GETVIQQGNE GDNFYVIDQG EVDVYVNGEW VTNISEGGSF GELALIYGTP RAATVKAKTD LKLWGIDRDS YRRILMGSTL RKRKMYEEFL SKVSILESLE KWERLTVADA LEPVQFEDGE KIVVQGEPGD DFYIITEGTA SVLQRRSPNE EYVEVGRLGP SDYFGEIALL LNRPRAATVV ARGPLKCVKL DRPRFERVLG PCSEILKRNI QRYNSFISLT V
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.
Purity:	> 90 %

Target Details

Target:	PRKAR1B
Alternative Name:	cAMP-dependent protein kinase type I-beta regulatory subunit (Prkar1b) (PRKAR1B Products)
Background:	Recommended name: cAMP-dependent protein kinase type I-beta regulatory subunit
UniProt:	P81377
Pathways:	Hedgehog Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma

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