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Datasheet for ABIN1666635
BCY1 Protein (AA 2-416) (His tag)

Overview

Quantity:	1 mg
Target:	BCY1
Protein Characteristics:	AA 2-416
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCY1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VSSLPKESQ AELQLFQNEI NAANPSDFLQ FSANYFNKRL EQQRAFLKAR EPEFKAKNIV LFPEPEESFS RPQSAQSQR SRSSVMFKSP FVNEDPHSNV FKSGFNLDPH EQDTHQQAQE EQQHTREKTS TPPLPMHFNA QRRTSVSGET LQPNNFDDWT PDHYKEKSEQ QLQRLEKSIR NNFLFNKLDSDSKRLVINCL EEKSVPKGAT IIKQGDQGDY FYVVEKGTVD FYVNDNKVNS SGPGSSFGEL ALMYNSPRAA TVVATSDCLL WALDRLTFRK ILLGSSFKKR LMYDDLKSM PVLKSLTTYD RAKLADALDT KIYQPGETII REGDQGENFY LIEYGAVDVS KKGQGVINKL KDHDYFGEVA LLNDLPRQAT VTATKRTKVA TLGKSGFQRL LGPAVDVLKL NDPTRH
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.
Purity:	> 90 %

Target Details

Target:	BCY1
Alternative Name:	cAMP-dependent protein kinase regulatory subunit (BCY1) (BCY1 Products)
Background:	Recommended name: cAMP-dependent protein kinase regulatory subunit. Short name= PKA regulatory subunit. Alternative name(s): Bypass of cyclase mutations protein 1
UniProt:	P07278

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 modiflicated 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.