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Datasheet for ABIN1635602 Cyclin A1 Protein (CCNA1) (AA 1-421) (His tag)



Overview	

Quantity:	1 mg
Target:	Cyclin A1 (CCNA1)
Protein Characteristics:	AA 1-421
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin A1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRRHSSKSGV ALPPVGQGPD ACQMLTRAQL GQDPPQRTVL GVLTENEQYR RACGQEIATI
	RCFSGSENVF PAAGKKVLPD NGVSEPAKHG FDIYMDDPEQ GDRDSCPGRE GIVFEDVYEV
	DTSMLKSDLH FLLDFNTVSP MLVDSTAHAQ SEEATDFGSD VINVTEYAEE IHRYLREAEV
	RHRPKAHYMR KQPDITEGMR AILVDWLVEV GEEYKLRTET LYLAVNFLDR FLSCMSVLRG
	KLQLVGTAAI LLASKYEEIY PPDVDEFVYI TDDTYTKRQL LRMEHLLLKV LAFDLTVPTT
	NQFLLQYLRR QGVCIRTENL AKYVAELSLL EADPFLKYLP SLVAAAAYCL ANYIVNRHFW
	PETLAAFTGY SLNEIVPCLS ELHKACLSIP HRPQQAIREK YKASKYLHVS LMEPPVVLPL 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.
Purity:	> 90 %

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Target Details	
Target:	Cyclin A1 (CCNA1)
Alternative Name:	Cyclin-A1 (Ccna1) (CCNA1 Products)
Background:	Recommended name: Cyclin-A1
UniProt:	Q6AY13
Pathways:	Apoptosis, Cell Division Cycle, AMPK Signaling, Mitotic G1-G1/S Phases, DNA Replication, M Phase, Synthesis of DNA

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.

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