Datasheet for ABIN1477604

Cyclin A Protein (AA 1-415) (His tag)

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Overview

Quantity:	1 mg
Target:	Cyclin A (CCNA2)
Protein Characteristics:	AA 1-415
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSDHLLRDEH QENVQPRKLL VPVGGRTVLG VLQENHRGPK ALKVSKPALQ QTQVLSVNHL GVNDENYGKI PARKAASKQP AFTIHVDEPD CATNKRKAVH KKTVQDENLQ QLNSVLGSIG TRKPLHPIQI AMETSFGSPM DVSIVDEEQK VVGCNNVADY AKEIHTYLRE MEVKCKPKAG YMQKQPDITG NMRAILVDWL VEVGEEYKLQ NETLYLAVNY IDRFLSSMSV LRGKLQLVGT AAMLLASKFE EIYPPEVAEF VYITDDTYTK KQVLKMEHLV LKVLSFDLAA PTILQYLNQY FQIHPVSPKV ESLSMFLGEL SLVDADPFLR YLPSVVAAAA FVIANCTINE RTWSDPLVEY TSYTLETLKP CILDLYQTYL SAASHQQQAV REKYKAPKNH AVSLIIPPES MSTFL
Specificity:	Xenopus laevis (African clawed frog)
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:	Cyclin A (CCNA2)
Alternative Name:	Cyclin-A2 (ccna2) (CCNA2 Products)
Background:	Recommended name: Cyclin-A2
UniProt:	P47827
Pathways:	PI3K-Akt Signaling, 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.