Datasheet for ABIN1664066

G1/S-Specific B-Type Cyclin Cig2 (CIG2) (AA 1-411) protein (His tag)

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Overview

Quantity:	1 mg
Target:	G1/S-Specific B-Type Cyclin Cig2 (CIG2)
Protein Characteristics:	AA 1-411
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MALYSISKPV GSKINKHSYQ DENTLVGKQA LSKGTEKTKL STNFEINLPR RTVLSDVSNV GKNNADEKDT KKAKRSFDES NLSTNEEADK PVESKFVKKL KVYSKNADPS VETLQKDRVS NVDDHLSSNP LMAEEYAPEI FEYIRKLDLK CLPNPKYMDQ QKELTWKMRE ILNEWLVEIH SNFCLMPETL YLAVNIIDRF LSRRSCSLSK FQLTGITALL IASKYEEVMC PSIQNFVYMT DGAFTVEDVC VAERYMLNVL NFDLSYPSPL NFLRKISQAE GYDAQTRTLG KYLTEIYLFD HDLLRYPMSK IAAAAMYLSR RLLRRGPWTP KLVESSGGYE EHELKEIAYI MLHYHNKPLE HKAFFQKYSS KRFLKASIFV HQLVRQRYSV NRTDDDDLQS EPSSSLTNDG H
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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:	G1/S-Specific B-Type Cyclin Cig2 (CIG2)
Alternative Name:	G2/mitotic-specific cyclin cig2 (cig2) (CIG2 Products)
Background:	Recommended name: G2/mitotic-specific cyclin cig2
UniProt:	P36630

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.