Datasheet for ABIN1653540

Cyclin B2 Protein (CCNB2) (AA 1-387) (His tag)

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Overview

Quantity:	1 mg
Target:	Cyclin B2 (CCNB2)
Protein Characteristics:	AA 1-387
Origin:	Killifish (Oryzias latipes)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin B2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSVEIVAQQ LLAAEHPRRM GKGAAADPRR AALGELTNLN AAAATNGKVG PAKKPLKASC AQKPKLTQLV ASMIQTGAAA SAPVLAKPSV KEEQELCQAF SEVLLAVQDV DEQDADQPQL CSQYVKDIYK YLHILEEQQP VRANYMQGYE VTERMRALLV DWLVQVHSRF QLLQETLYLT VAILDRFLQV HPVSRRKLQL VGVTAMLVAC KYEEMYAPEV GDFAYITDNA FTKSQIVEME QVILRSLSFQ LGRPLPLHFL RRATKVAGAD VEKHTLAKYL MELTLLDYHM VHYRPSEVAA AALCLSQLLL DGLPWSLTQQ QYSTYEEQHL KPIMQHMAKN VVLVNEGRTK FLAVKKKYSS SKLMKISLIP QLNSSTVKTM ADALHDH
Specificity:	Oryzias latipes (Medaka fish) (Japanese ricefish)
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 B2 (CCNB2)
Alternative Name:	G2/mitotic-specific cyclin-B2 (ccnb2) (CCNB2 Products)
Background:	Recommended name: G2/mitotic-specific cyclin-B2
UniProt:	Q9IBG0
Pathways:	Cell Division Cycle, M Phase

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.