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## CDKN1B Protein (AA 1-198) (His tag)



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Quantity:	1 mg
Target:	CDKN1B
Protein Characteristics:	AA 1-198
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN1B protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MSNVRVSNGS PSLERMDARQ AEHPKPSACR NLFGPVNHEE LTRDLEKHCR DMEEASQRKW
	NFDFQNHNPL EGRYQWQEVD KGSLPEFYYR PPRPPKGACK VPAQESQDVS GSRQAVPSIG
	SQAYSEDRHL VEQMPDPTDS PAGLAEQCPG MRKRPAADDS SSQNKRANRT EENVSDGSLN
	AGSVEQTPKK PGLRRHQT
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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:	CDKN1B

#### **Target Details**

Alternative Name:	Cyclin-dependent kinase inhibitor 1B (CDKN1B) (CDKN1B Products)	
Background:	Recommended name: Cyclin-dependent kinase inhibitor 1B.  Alternative name(s): Cyclin-dependent kinase inhibitor p27 p27Kip1	
UniProt:	Q60439	
Pathways:	Cell Division Cycle, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Sensory Perception of Sound, Mitotic G1-G1/S Phases, DNA Replication, Positive Regulation of Endopeptidase Activity, Synthesis of DNA, Autophagy	

#### **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.	