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Datasheet for ABIN1458679  
**CDKN1B Protein (AA 1-198) (His tag)**

### Overview

Quantity:	1 mg
Target:	CDKN1B
Protein Characteristics:	AA 1-198
Origin:	Cat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN1B protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSNVRVSN GS PSLERMDARQ AEYPKPSACR NLFGPVNHEE LTRDLEKHCR DMEEASQRKW NDFDQNHKPL EGKYEWEVE KGSLPEFYR PPRPPKGACK VPAQESQDVS GNRQAVPLIG SQANTEDTHL VDQKTDSDN QTGLAEQCPG IRKR PATDDS SPQNK RANRT EENVSDGSPN AGSVEQTPKK PGLRRRQT
Specificity:	Felis catus (Cat) (Felis silvestris catus)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

### Target Details

Target:	CDKN1B
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## Target Details

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Alternative Name: Cyclin-dependent kinase inhibitor 1B (CDKN1B) ([CDKN1B Products](#))

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Background: Recommended name: Cyclin-dependent kinase inhibitor 1B.  
Alternative name(s): Cyclin-dependent kinase inhibitor p27 p27Kip1

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UniProt: [O19001](#)

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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

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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 modified 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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.