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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDK1 (Human) Recombinant Protein

Catalog Number: P9602

Regulation Status: For research use only (RUO)

Product Description: Human CDK1 (P06493, 1 a.a. - 297 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMEDYTKIEKIGEGTYGV
VYKGRHKTTGQVVAMKKIRLESEEEGVPSTAIRESLLK
ELRHPNIVSLQDVLMDQSRLLYLFELSMDLKKYLDLSDIP
PGQYMDSSLVKSYLYQILQGIVFCHSRRLVHRDLKPKQ
NLLIDDKGTIKLADFGRLARAFGIPIRVYTHEVVTLWYRS
PEVLLGSARYSTPVDIWSIGTIFAELATKKPLFHGDSEI
DQLFRIFRALGTPNNEVWPEVESLQDYKNTFPKWKPG
SLASHVKNLDENGLDLLSKMLIYDPAKRISGKMALNHP
YFNDLDNQIKKM

Host: *Escherichia coli*

Theoretical MW (kDa): 36.2

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 85.0% by SDS-PAGE

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (10%
glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 983

Gene Symbol: CDC2

Gene Alias: CDC28A, CDK1, DKFZp686L2022,
MGC111195

Gene Summary: The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]