



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CDK1 (Human) Recombinant Protein

**Catalog Number:** P9601

**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 C-terminus expressed in Sf9 cells.

**Sequence:**

MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLE  
SEEEGV PSTAIREISLLKELRHPNIVSLQDVLMLQDSRLY  
LIFEFLSMDLKKYLD SIPPQYMDSSLVKS YLYQILQGI  
VFCHSRRVLHRDLKPNLLIDDKGTIKLADFLARAFGI  
PIRVYTHEVVT LWYRSPEVLLGSARYSTPVDIWSIGTIF  
AELATKKPLFHGDSEIDQLFRIFRALGTPNNEVWPEVE  
SLQDYKNTFPKWKPGSLASHVKNLDENGLDLLSKMLI  
YDPAKRISGKMALNHPYFNDLDNQIKKMLEHHHHHH

**Host:** insect

**Theoretical MW (kDa):** 35.1

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

**Form:** Liquid

**Preparation Method:** Sf9 cell expression system

**Purity:** > 95.0% by SDS-PAGE

**Recommend Usage:** Biological Activity

SDS-PAGE

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

**Storage Buffer:** In PBS pH 7.4 (0.1m M PMSF, 2mM  
DTT and 30% 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, DKFZp686L20222,  
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]