



# 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

### CDC25A (Human) Recombinant Protein

**Catalog Number:** P9592

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CDC25A (P30304, 1 a.a. - 524 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

**Sequence:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRW  
GSMELGPEPPHRRRLLFACSPPPASQPVVKALFGASA  
AGGLSPVTNLTVTMDQLQGLGSDYEQPLEVKNNSNL  
QRMGSSESTDSGFCLDSPGPLDSKENLENPMRRIHSL  
PQKLLGCSPALKRSHSDSLDHDIFQLIDPDENKENEAF  
EFKKPVRPVSRGCLHSHGLQEGKDLFTQRQNSAPAR  
MLSSNERDSSEPGNFIPLFTPQSPVTATLSDEDDGFV  
DLLDGENLKNEEETPSCMASLWTAPLVMRTTNLDNRC  
KLFDSPSLCSSSTRSVLKRPERSQEESPPGSTKRRKS  
MSGASPKESTNPEKAHETLHQSLSLASSPKGTIENILD  
NDPRDLIGDFSKGYLFHTVAGKHQDLKYISPEIMASVL  
NGKFANLIKEFVIIDCRYPYEYEGGHIKAVNLHMEEEV  
EDFLKKPIVPTDGKRVIVVFHCFSSSERGPRMCRYVR  
ERDRLGNEYPKLHYPELYVLKGGYKEFFMKCQSYCEP  
PSYRPMHHEDFKEDLKKFRTKSRTWAGEKSKREMYS  
RLKKL

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 63.2

**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:** > 80.0% 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 (0.2 M NaCl,  
5 mM DTT, 1 mM EDTA and 20% 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:** 993

**Gene Symbol:** CDC25A

**Gene Alias:** CDC25A2

**Gene Summary:** CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]