



# 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

### CDC14B (Human) Recombinant Protein (P01)

**Catalog Number:** H00008555-P01

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

**Product Description:** Human CDC14B full-length ORF ( ENSP00000265659, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKRRKSERSSWAAAPPCSRRCSSSTSPGVKKIRSSTQ  
QDPRRRDPQDDVYLDITDRLCFAILYSRPKSASNVHYF  
SIDNELEYENFYADFGPLNLAMVYRYCCKINKKLSITM  
LRKKIVHFTGSDQRKQANAFLVGCYMVIIYLGRTPEEA  
YRILIFGETSYIPFRDAAYGSCNFYITLLDCFHAVKKAM  
QYGFLNFNSFNLD EYEHYKAENGLNWIIPDRFIAFC  
GPHSRARLESGYHQSPETYIQYFKNHNVTTIIRLNKR  
MYDAKRFTDAGFDHDLFFADGSTPTDAIVKEFLDICE  
NAEGAIAVHCKAGLGRTGTLIACYIMKHYRMTAAETIA  
WVRICRPGSVIGPQQQFLVMKQTNLWLEGDYFRQKL  
KGQENGQHRAAFSKLLSGVDDISINGVENQDQPEPEP  
YSDDDEINGVTQGDRLRALKSRRQSKTNAIPLTDGWL  
SQA V TFLDRLLIWLGIHKD

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 80.6

**Interspecies Antigen Sequence:** Mouse (85); Rat (89)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 8555

**Gene Symbol:** CDC14B

**Gene Alias:** CDC14B3, Cdc14B1, Cdc14B2, hCDC14B

**Gene Summary:** The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to *Saccharomyces cerevisiae* Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which suggests the role in cell cycle control. This protein has been shown to interact with and dephosphorylates tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splice of this gene results in 3 transcript variants encoding distinct isoforms. [provided by RefSeq]