



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CDC20 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000991-P01

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

**Product Description:** Human CDC20 full-length ORF (AAH00624.1, 1 a.a. - 499 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAQFAFESDLHSLQLDAPIPNAPPARWQRKAKEAAG  
PAPSPMRAANRSHSAGRTPGRTPGKSSSKVQTTPSK  
PGGDYRIPHRSAAQMEVASFLLSKENQPENSQTPTKK  
EHQKAWVLNNGFDVEEAKILRLSGKPQNAPEGYQNR  
LKVLYSQKATPGSSRKTCRYIPSLPDRILDAPEIRNDYY  
LNLVDWSSGNVLAVALDNSVYLWSASSGDILQLLQME  
QPGEYISSVAWIKEGNLAVGTSSAEVQLWDVQQQK  
RLRNMTSHSARVGSLSWNSYILSSGSRSGHIIHHDVR  
VAEHHVATLSGHSQEVCGLRWAPDGRHLASGGNDNL  
VNVWPSAPGEGGWVPLQTFQHQGAVKAWAWCPW  
QSNVLATGGGTSDRHIRIWNVCSGACLSAVDAHSQVC  
SILWSPHYKELISGHGFAQNQLVIWKYPTMAKVAELKG  
HTSRVLSLTMSPDGATVASAAADETLRLWRCFELDPA  
RRREREREKASAAKSSLIHQGIR

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

**Theoretical MW (kDa):** 81.2

**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:** 991

**Gene Symbol:** CDC20

**Gene Alias:** CDC20A, MGC102824, bA276H19.3, p55CDC

**Gene Summary:** CDC20 appears to act as a regulatory protein interacting with several other proteins at multiple points in the cell cycle. It is required for two microtubule-dependent processes, nuclear movement prior to anaphase and chromosome separation. [provided by RefSeq]

**References:**

1. Discovery of a Dual Tubulin Polymerization and Cell Division Cycle 20 Homologue Inhibitor via Structural Modification on Apcin. Huang P, Le X, Huang F, Yang J, Yang H, Ma J, Hu G, Li Q, Chen Z. J Med Chem. 2020 May 14;63(9):4685-4700.doi: 10.1021/acs.jmedchem.9b02097. Epub 2020 Apr 27.