



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CCND3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000896-P01

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

**Product Description:** Human CCND3 full-length ORF ( NP\_001751.1, 1 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MELLCCEGTRHAPRAGPDPRLLDQQRVLQSLRLLEER  
YVPRASYFQCVQREIKPHMRKMLAYWMLEVCEEQRC  
EEEVFPLAMNYLDRYLSCVPTRKAQLQLLGAVCMMLLA  
SKLRETTPLTIEKLCIYTDHAVSPRQLRDWEVLVLGKLLK  
WDLAAVIAHDFLAFILHRLSLPRDRQALVKKHAQTFLAL  
CATDYTFAMYPPSMIATGSIGAAVQGLGACSMMSGDEL  
TELLAGITGTEVDCLRACQEQIEAALRESLREASQTSS  
SPAPKAPRGSSSQGPSQTSTPTDVTAIHL
```

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

**Theoretical MW (kDa):** 58.9

**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:** 896

**Gene Symbol:** CCND3

**Gene Alias:** -

**Gene Summary:** The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]