



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## CCNT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000904-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

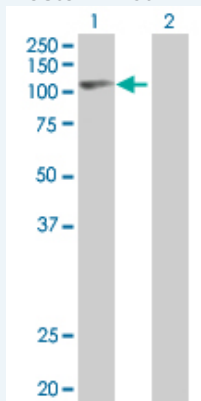
**Plasmid:** pCMV-CCNT1 full-length

**Host:** Human

**Theoretical MW (kDa):** 79.97

**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-CCNT1 antibody ([H00000904-B01](#)) by Western Blots.

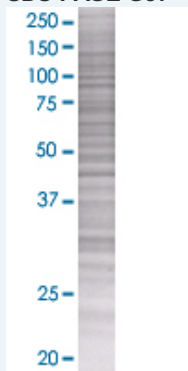
#### Western Blot



Lane 1: CCNT1 transfected lysate ( 80.7 KDa)

Lane 2: Non-transfected lysate.

#### SDS-PAGE Gel



CCNT1 transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [904](#)

GeneBank Accession#: [NM\\_001240](#)

Protein Accession#: [NP\\_001231](#)

Gene Name: CCNT1

Gene Alias: CCNT,CYCT1

Gene Description: cyclin T1

Omim ID: [602506](#)

Gene Ontology: [Hyperlink](#)

**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 tightly associates with CDK9 kinase, and was found to be a major subunit of the transcription elongation factor p-TEFb. The kinase complex containing this cyclin and the elongation factor can interact with, and act as a cofactor of human immunodeficiency virus type 1 (HIV-1) Tat protein, and was shown to be both necessary and sufficient for full activation of viral transcription. This cyclin and its kinase partner were also found to be involved in the phosphorylation and regulation of the carboxy-terminal domain (CTD) of the largest RNA polymerase II subunit. [provided by RefSeq]

Other Designations: CDK9-associated C-type protein,cyclin C-related protein,cyclin T1b,subunit of positive elongation transcription factor b

### Related Disease

[Disease Progression](#) [Disease Susceptibility](#) [HIV Infections](#)