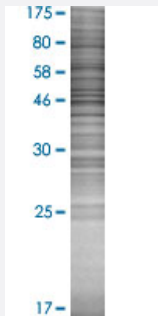


# CCNB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000891-T01

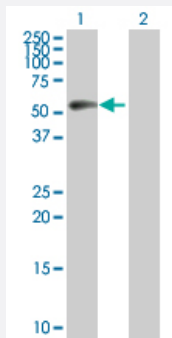
Size 100 uL

## Applications



### SDS-PAGE Gel

CCNB1 transfected lysate.



### Western Blot

Lane 1: CCNB1 transfected lysate ( 48.30 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                        |
|-------------------------------|------------------------|
| Transfected Cell Line         | 293T                   |
| Plasmid                       | pCMV-CCNB1 full-length |
| Host                          | Human                  |
| Theoretical MW (kDa)          | 48.3                   |
| Interspecies Antigen Sequence | Rat (85)               |

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CCNB1 antibody ([H00000891-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
CCNB1 transfected lysate.  
Western Blot  
Lane 1: CCNB1 transfected lysate ( 48.30 KDa)  
Lane 2: Non-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.

## Applications

- Western Blot

## Gene Info — CCNB1

## Entrez GeneID

[891](#)

## GeneBank Accession#

[NM\\_031966](#)

## Protein Accession#

[NP\\_114172.1](#)

## Gene Name

CCNB1

## Gene Alias

CCNB

## Gene Description

cyclin B1

## Omim ID

[123836](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq]

## Other Designations

G2/mitotic-specific cyclin B1

## Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)