

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCMV-Cyclin D1

RRID:Addgene_19927

Type: Plasmid

Proper Citation

RRID:Addgene_19927

Plasmid Information

URL: <http://www.addgene.org/19927>

Proper Citation: RRID:Addgene_19927

Insert Name: Cyclin D1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9465025](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-Cyclin D1

Record Creation Time: 20220422T222048+0000

Record Last Update: 20260725T074415+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-Cyclin D1.

No alerts have been found for pCMV-Cyclin D1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Shidara H, et al. (2024) Optical inactivation of intracellular molecules by fast-maturing photosensitizing fluorescence protein, HyperNova. *Communications biology*, 7(1), 945.

Yang X, et al. (2019) miR-193b represses influenza A virus infection by inhibiting Wnt/??-catenin signalling. *Cellular microbiology*, 21(5), e13001.

Roth SA, et al. (2018) MicroRNA-193b-3p represses neuroblastoma cell growth via downregulation of Cyclin D1, MCL-1 and MYCN. *Oncotarget*, 9(26), 18160.

Sriraman A, et al. (2018) CDK4 inhibition diminishes p53 activation by MDM2 antagonists. *Cell death & disease*, 9(9), 918.

Dozier C, et al. (2017) CyclinD-CDK4/6 complexes phosphorylate CDC25A and regulate its stability. *Oncogene*, 36(26), 3781.

Gillen AE, et al. (2017) Alternative Polyadenylation of PRELID1 Regulates Mitochondrial ROS Signaling and Cancer Outcomes. *Molecular cancer research : MCR*, 15(12), 1741.

Jiang J, et al. (2016) MicroRNA-202 induces cell cycle arrest and apoptosis in lung cancer cells through targeting cyclin D1. *European review for medical and pharmacological sciences*, 20(11), 2278.

Kaukoniemi KM, et al. (2015) Epigenetically altered miR-193b targets cyclin D1 in prostate cancer. *Cancer medicine*, 4(9), 1417.

Dok R, et al. (2014) p16INK4a impairs homologous recombination-mediated DNA repair in human papillomavirus-positive head and neck tumors. *Cancer research*, 74(6), 1739.

Jia Y, et al. (2014) Modulated expression of genes encoding estrogen metabolizing enzymes by G1-phase cyclin-dependent kinases 6 and 4 in human breast cancer cells. *PloS one*, 9(5), e97448.

Mittal MK, et al. (2011) SLUG-induced elevation of D1 cyclin in breast cancer cells through the inhibition of its ubiquitination. *The Journal of biological chemistry*, 286(1), 469.