

Resource Summary Report

Generated by [kravitz2](#) on Aug 13, 2026

Cdc2-HA

RRID:Addgene_1888

Type: Plasmid

Proper Citation

RRID:Addgene_1888

Plasmid Information

URL: <http://www.addgene.org/1888>

Proper Citation: RRID:Addgene_1888

Insert Name: Cdc2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8266103](#)

Vector Backbone Description: Backbone Size:6550; Vector Backbone:pCMV-neo-Bam; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See scanned map.

Plasmid Name: Cdc2-HA

Record Creation Time: 20220422T222043+0000

Record Last Update: 20260808T081346+0000

Ratings and Alerts

No rating or validation information has been found for Cdc2-HA.

No alerts have been found for Cdc2-HA.

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 [kravitz2](#) .

Al-Mathkour M, et al. (2025) CDK1 drives SOX9-mediated chemotherapeutic resistance in gastric cancer. *Journal of experimental & clinical cancer research* : CR, 44(1), 284.

Lin J, et al. (2025) Targeting the USP7-CDK1 axis suppresses estrogen receptor-positive breast cancer progression. *Cancer cell international*, 25(1), 60.

Zhu S, et al. (2023) CDK1 bridges NF- κ B and β -catenin signaling in response to H. pylori infection in gastric tumorigenesis. *Cell reports*, 42(1), 112005.

Tang Z, et al. (2021) ATR Inhibition Induces CDK1-SPOP Signaling and Enhances Anti-PD-L1 Cytotoxicity in Prostate Cancer. *Clinical cancer research* : an official journal of the American Association for Cancer Research, 27(17), 4898.

Horiuchi M, et al. (2018) The tyrosine kinase v-Src causes mitotic slippage by phosphorylating an inhibitory tyrosine residue of Cdk1. *The Journal of biological chemistry*, 293(40), 15524.

Ortmann B, et al. (2016) CDK-dependent phosphorylation of PHD1 on serine 130 alters its substrate preference in cells. *Journal of cell science*, 129(1), 191.

Mazzolini L, et al. (2016) Phosphorylation of CDC25A on SER283 in late S/G2 by CDK/cyclin complexes accelerates mitotic entry. *Cell cycle (Georgetown, Tex.)*, 15(20), 2742.

Du Y, et al. (2014) Syntaxin 6-mediated Golgi translocation plays an important role in nuclear functions of EGFR through microtubule-dependent trafficking. *Oncogene*, 33(6), 756.

Wu J, et al. (2012) Inhibition of E2F1/CDK1 pathway attenuates neuronal apoptosis in vitro and confers neuroprotection after spinal cord injury in vivo. *PloS one*, 7(7), e42129.

Wei Y, et al. (2011) CDK1-dependent phosphorylation of EZH2 suppresses methylation of H3K27 and promotes osteogenic differentiation of human mesenchymal stem cells. *Nature cell biology*, 13(1), 87.

Ullah Z, et al. (2011) Checkpoint kinase 1 prevents cell cycle exit linked to terminal cell differentiation. *Molecular and cellular biology*, 31(19), 4129.