

Resource Summary Report

Generated by [T1D](#) on Sep 22, 2026

pbabe-cyclinD1+CDK4R24C

RRID:Addgene_11129

Type: Plasmid

Proper Citation

RRID:Addgene_11129

Plasmid Information

URL: <http://www.addgene.org/11129>

Proper Citation: RRID:Addgene_11129

Insert Name: Cyclin D1, Cyclin Dependent Kinase 4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16267004](#)

Vector Backbone Description: Backbone Size:4500; Vector Backbone:pbabe; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: This plasmid was generated by cloning cyclinD1 cDNA with flanking EcoRI-Sall restriction sites added by PCR into the same sites of the polylinker of pBABEpuro or pBABEblast and by excising the selectable marker from the HindIII/ClaI sites and ligating into the same site CDK4R24C cDNA in which HindIII/ClaI sites were again added by PCR.

Plasmid Name: pbabe-cyclinD1+CDK4R24C

Relevant Mutation: CDK4 R24C

Record Creation Time: 20220422T221542+0000

Record Last Update: 20260919T090520+0000

Ratings and Alerts

No rating or validation information has been found for pbabe-cyclinD1+CDK4R24C.

No alerts have been found for pbabe-cyclinD1+CDK4R24C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Schneider CA, et al. (2024) Skin muscle is the initial site of viral replication for arboviral bunyavirus infection. Nature communications, 15(1), 1121.

Weiland M, et al. (2022) Combined transgene immortalized urothelial cells capable of reprogramming and hepatic differentiation. Biochemistry and biophysics reports, 31, 101308.

Giordano F, et al. (2021) A Notch inhibitor plus Resveratrol induced blockade of autophagy drives glioblastoma cell death by promoting a switch to apoptosis. American journal of cancer research, 11(12), 5933.

Wu T, et al. (2015) Use of a Closed Culture System to Improve the Safety of Lentiviral Vector Production. Human gene therapy methods, 26(6), 197.

Shin YJ, et al. (2015) Nanobody-targeted E3-ubiquitin ligase complex degrades nuclear proteins. Scientific reports, 5, 14269.

Toledo CM, et al. (2014) BuGZ is required for Bub3 stability, Bub1 kinetochore function, and chromosome alignment. Developmental cell, 28(3), 282.