

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

pBABE-hygro CDK4 R24C

RRID:Addgene_11254

Type: Plasmid

Proper Citation

RRID:Addgene_11254

Plasmid Information

URL: <http://www.addgene.org/11254>

Proper Citation: RRID:Addgene_11254

Insert Name: CDK4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11884599](#)

Vector Backbone Description: Backbone Size:5558; Vector Backbone:pBABE-hygro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: R24C allele of the CDK4 gene encodes a kinase that is insensitive to inhibition by p16INK4A and p15INK4B, the major negative regulators of CDK4.

Plasmid Name: pBABE-hygro CDK4 R24C

Relevant Mutation: R24C

Record Creation Time: 20220422T221549+0000

Record Last Update: 20260912T091523+0000

Ratings and Alerts

No rating or validation information has been found for pBABE-hygro CDK4 R24C.

No alerts have been found for pBABE-hygro CDK4 R24C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tran E, et al. (2022) Development of human alveolar epithelial cell models to study distal lung biology and disease. *iScience*, 25(2), 103780.

Jang J, et al. (2019) Control over single-cell distribution of G1 lengths by WNT governs pluripotency. *PLoS biology*, 17(9), e3000453.

Nassour J, et al. (2019) Autophagic cell death restricts chromosomal instability during replicative crisis. *Nature*, 565(7741), 659.

Chua MJ, et al. (2019) Assessment of different strategies for scalable production and proliferation of human myoblasts. *Cell proliferation*, 52(3), e12602.

Karst AM, et al. (2011) Stathmin 1, a marker of PI3K pathway activation and regulator of microtubule dynamics, is expressed in early pelvic serous carcinomas. *Gynecologic oncology*, 123(1), 5.