

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3-dnCDK5

RRID:Addgene_1344

Type: Plasmid

Proper Citation

RRID:Addgene_1344

Plasmid Information

URL: <http://www.addgene.org/1344>

Proper Citation: RRID:Addgene_1344

Insert Name: dnCDK5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400;
Vector Backbone:pcDNA; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: pcDNA3-dnCDK5

Relevant Mutation: D144N

Record Creation Time: 20220422T221742+0000

Record Last Update: 20260725T073843+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-dnCDK5.

No alerts have been found for pcDNA3-dnCDK5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Chu CH, et al. (2025) Nuclear paxillin functions as a molecular switch for alternative splicing in neurons during a critical period of brain development. The EMBO journal.

Tojima T, et al. (2014) Steering neuronal growth cones by shifting the imbalance between exocytosis and endocytosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(21), 7165.

Cerda O, et al. (2011) Activity-dependent phosphorylation of neuronal Kv2.1 potassium channels by CDK5. The Journal of biological chemistry, 286(33), 28738.