

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pAAV-HDR-mEGFP-camk2a

RRID:Addgene_104589

Type: Plasmid

Proper Citation

RRID:Addgene_104589

Plasmid Information

URL: <http://www.addgene.org/104589>

Proper Citation: RRID:Addgene_104589

Insert Name: calcium/calmodulin-dependent protein kinase II alpha

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29056297](#)

Vector Backbone Description: Backbone Size:2905; Vector Backbone:PX551; Vector Types:Mouse Targeting, AAV, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-HDR-mEGFP-camk2a

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260815T080046+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-HDR-mEGFP-camk2a.

No alerts have been found for pAAV-HDR-mEGFP-camk2a.

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 [RRID](#) .

Uchigashima M, et al. (2025) Single-cell synaptome mapping of endogenous protein subpopulations in mammalian brain. Nature communications, 16(1), 9705.

Chantranupong L, et al. (2020) Rapid purification and metabolomic profiling of synaptic vesicles from mammalian brain. eLife, 9.

Kurihara T, et al. (2020) DNA repair protein RAD51 enhances the CRISPR/Cas9-mediated knock-in efficiency in brain neurons. Biochemical and biophysical research communications, 524(3), 621.