

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pCAG-mEGFP-CaMKIIa

RRID:Addgene_127389

Type: Plasmid

Proper Citation

RRID:Addgene_127389

Plasmid Information

URL: <http://www.addgene.org/127389>

Proper Citation: RRID:Addgene_127389

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

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31239443](#)

Vector Backbone Description: Vector Backbone:Customized Vector; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-mEGFP-CaMKIIa

Record Creation Time: 20220422T221708+0000

Record Last Update: 20260725T073741+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-mEGFP-CaMKIIa.

No alerts have been found for pCAG-mEGFP-CaMKIIa.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Mitchell SJ, et al. (2025) Micro-sub regional synapse weakening by mimicking the hyperphosphorylation of microtubule associated protein Tau in dendritic spines. Brain communications, 7(3), fcaf234.

Lu?i? I, et al. (2023) CaMKII autophosphorylation can occur between holoenzymes without subunit exchange. eLife, 12.