

Resource Summary Report

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

pCAG cyto-RCaMP1h

RRID:Addgene_105014
Type: Plasmid

Proper Citation

RRID:Addgene_105014

Plasmid Information

URL: <http://www.addgene.org/105014>

Proper Citation: RRID:Addgene_105014

Insert Name: RCaMP1h

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29097544](#)

Vector Backbone Description: Vector Backbone:pCIG2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG cyto-RCaMP1h

Record Creation Time: 20220422T221509+0000

Record Last Update: 20260815T080047+0000

Ratings and Alerts

No rating or validation information has been found for pCAG cyto-RCaMP1h.

No alerts have been found for pCAG cyto-RCaMP1h.

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 [RRID](#) .

Dos Santos M, et al. (2026) Soluble α 2 μ -1, altered in disease CSF, modulates network homeostasis and rescues deficits in a neuropsychiatric mouse model. *Neuron*, 114(12), 2128.

Ham SJ, et al. (2025) Reciprocal rescue of Wolfram syndrome by two causative genes. *EMBO reports*, 26(9), 2459.

Ikeda A, et al. (2024) CHCHD2 P14L, found in amyotrophic lateral sclerosis, exhibits cytoplasmic mislocalization and alters Ca^{2+} homeostasis. *PNAS nexus*, 3(8), pga319.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. *Cell*, 187(15), 4043.

Boczek T, et al. (2021) cAMP at Perinuclear mAKAP? Signalosomes Is Regulated by Local Ca^{2+} Signaling in Primary Hippocampal Neurons. *eNeuro*, 8(1).

Carpio MA, et al. (2021) BOK controls apoptosis by Ca^{2+} transfer through ER-mitochondrial contact sites. *Cell reports*, 34(10), 108827.