

Resource Summary Report

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

GFP-C1-PKCgamma-C1A

RRID:Addgene_21205

Type: Plasmid

Proper Citation

RRID:Addgene_21205

Plasmid Information

URL: <http://www.addgene.org/21205>

Proper Citation: RRID:Addgene_21205

Insert Name: PKCgamma-C1A

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:9456311](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:0; Vector Backbone:C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-C1-PKCgamma-C1A

Relevant Mutation: PKCgamma-C1A domain. (Lab plasmid WC 0018)

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260815T081200+0000

Ratings and Alerts

No rating or validation information has been found for GFP-C1-PKCgamma-C1A.

No alerts have been found for GFP-C1-PKCgamma-C1A.

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 [dkNET](#) .

Christodoulou N, et al. (2025) Calcium transients regulate the apical emergence of basally located progenitors during *Xenopus* skin development. *Nature communications*, 16(1), 6650.

Sera T, et al. (2020) A metabolic reaction-diffusion model for PKC α translocation via PIP2 hydrolysis in an endothelial cell. *The Biochemical journal*, 477(20), 4071.

Capaci V, et al. (2020) Mutant p53 induces Golgi tubulo-vesiculation driving a prometastatic secretome. *Nature communications*, 11(1), 3945.

Tolstykh GP, et al. (2019) Receptor- and store-operated mechanisms of calcium entry during the nanosecond electric pulse-induced cellular response. *Biochimica et biophysica acta. Biomembranes*, 1861(3), 685.

Tolstykh GP, et al. (2014) 600 ns pulse electric field-induced phosphatidylinositol4,5-bisphosphate depletion. *Bioelectrochemistry (Amsterdam, Netherlands)*, 100, 80.

Tolstykh GP, et al. (2013) Activation of intracellular phosphoinositide signaling after a single 600 nanosecond electric pulse. *Bioelectrochemistry (Amsterdam, Netherlands)*, 94, 23.