

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

PKC gamma WT

RRID:Addgene_21236

Type: Plasmid

Proper Citation

RRID:Addgene_21236

Plasmid Information

URL: <http://www.addgene.org/21236>

Proper Citation: RRID:Addgene_21236

Insert Name: PKC gamma

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12794082](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pHACE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: PKC gamma WT

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260815T081201+0000

Ratings and Alerts

No rating or validation information has been found for PKC gamma WT.

No alerts have been found for PKC gamma WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhang B, et al. (2019) PKC γ promotes axonal remodeling in the cortico-spinal tract via GSK3 β /catenin signaling after traumatic brain injury. Scientific reports, 9(1), 17078.

Schaffer TB, et al. (2018) PKC γ Inhibits Neuronal Dendritic Spine Development through Dual Phosphorylation of Ephexin5. Cell reports, 25(9), 2470.

Chu Y, et al. (2014) Calcium-dependent PKC isoforms have specialized roles in short-term synaptic plasticity. Neuron, 82(4), 859.

Patergnani S, et al. (2013) PRKCB/protein kinase C, beta and the mitochondrial axis as key regulators of autophagy. Autophagy, 9(9), 1367.

Yokoyama K, et al. (2013) C-Fos regulation by the MAPK and PKC pathways in intervertebral disc cells. PloS one, 8(9), e73210.