

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 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:** 20260808T081408+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 $\gamma$  promotes axonal remodeling in the cortico-spinal tract via GSK3 $\beta$ /catenin signaling after traumatic brain injury. Scientific reports, 9(1), 17078.

Schaffer TB, et al. (2018) PKC $\gamma$  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.