

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pEGFP-Akt](#)

RRID:Addgene_39531

Type: Plasmid

Proper Citation

RRID:Addgene_39531

Plasmid Information

URL: <http://www.addgene.org/39531>

Proper Citation: RRID:Addgene_39531

Insert Name: Akt

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:10226029](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-Akt

Record Creation Time: 20220422T222206+0000

Record Last Update: 20260815T081429+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-Akt.

No alerts have been found for pEGFP-Akt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Reyes-Ordoñez A, et al. (2026) Protocol for Nanodisc single-molecule pull-down assay to detect protein-lipid interactions. STAR protocols, 7(1), 104377.

Reyes-Ordoñez A, et al. (2025) Nanodisc single-molecule pulldown to study lipid-protein interactions. Journal of lipid research, 66(7), 100846.

McCracken S, et al. (2023) Diversity in homeostatic calcium set points predicts retinal ganglion cell survival following optic nerve injury in vivo. Cell reports, 42(10), 113165.

Helfinger V, et al. (2021) Genetic deletion of Nox4 enhances cancerogen-induced formation of solid tumors. Proceedings of the National Academy of Sciences of the United States of America, 118(11).

Yokoi N, et al. (2021) 14-3-3 proteins stabilize LGI1-ADAM22 levels to regulate seizure thresholds in mice. Cell reports, 37(11), 110107.

Furlong RM, et al. (2019) The Parkinson's disease gene PINK1 activates Akt via PINK1 kinase-dependent regulation of the phospholipid PI(3,4,5)P3. Journal of cell science, 132(20).

Masters TA, et al. (2017) MYO6 Regulates Spatial Organization of Signaling Endosomes Driving AKT Activation and Actin Dynamics. Cell reports, 19(10), 2088.

Palmieri M, et al. (2017) mTORC1-independent TFEB activation via Akt inhibition promotes cellular clearance in neurodegenerative storage diseases. Nature communications, 8, 14338.

Yeo JC, et al. (2015) Rab31 and APPL2 enhance FcγR-mediated phagocytosis through PI3K/Akt signaling in macrophages. Molecular biology of the cell, 26(5), 952.