

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pWZL Neo Myr Flag AKT1

RRID:Addgene_20422

Type: Plasmid

Proper Citation

RRID:Addgene_20422

Plasmid Information

URL: <http://www.addgene.org/20422>

Proper Citation: RRID:Addgene_20422

Insert Name: AKT1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17574021](#)

Vector Backbone Description: Backbone Marker:William Hahn Lab (available at Addgene, #15300); Backbone Size:0; Vector Backbone:pWZL-Neo-Myr-Flag-DEST; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: ORFs were cloned into Gateway compatible pEntry vectors. An LR recombination reaction was performed to move the ORF to pWZL-Neo-Myr-Flag DEST such that the ORF would have 5' myristoylation and flag tags. This plasmid is part of a kinase library, and the gene has been verified, but has not been fully sequenced for minor mutations. Please see the following link for plasmids from this article that are not part of the kinase library <http://www.addgene.org/pubmed/17574021>

Plasmid Name: pWZL Neo Myr Flag AKT1

Record Creation Time: 20220422T222051+0000

Record Last Update: 20260725T074418+0000

Ratings and Alerts

No rating or validation information has been found for pWZL Neo Myr Flag AKT1.

No alerts have been found for pWZL Neo Myr Flag AKT1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Damrauer JS, et al. (2018) Foxo-dependent Par-4 Upregulation Prevents Long-term Survival of Residual Cells Following PI3K-Akt Inhibition. Molecular cancer research : MCR, 16(4), 599.

Yu R, et al. (2016) Anti-tumor effects of Atractylenolide I on bladder cancer cells. Journal of experimental & clinical cancer research : CR, 35, 40.

Xiao L, et al. (2015) AKT regulation of mesothelial-to-mesenchymal transition in peritoneal dialysis is modulated by Smurf2 and deubiquitinating enzyme USP4. BMC cell biology, 16, 7.

Cipriano R, et al. (2013) FAM83B-mediated activation of PI3K/AKT and MAPK signaling cooperates to promote epithelial cell transformation and resistance to targeted therapies. Oncotarget, 4(5), 729.