

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

myr-FLAG-AKT1-pcw107

RRID:Addgene_64606

Type: Plasmid

Proper Citation

RRID:Addgene_64606

Plasmid Information

URL: <http://www.addgene.org/64606>

Proper Citation: RRID:Addgene_64606

Insert Name: AKT1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25538079](#)

Vector Backbone Description: Backbone Marker:John Doench/Kathleen Ottina;
Backbone Size:9240; Vector Backbone:pcw107 (V5); Vector Types:Lentiviral; Bacterial
Resistance:Ampicillin

Comments: GAGG (N-term barcode, 17 nt upstream of CDS start). Working name: CTK-B2-STOP

Plasmid Name: myr-FLAG-AKT1-pcw107

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260905T075931+0000

Ratings and Alerts

No rating or validation information has been found for myr-FLAG-AKT1-pcw107.

No alerts have been found for myr-FLAG-AKT1-pcw107.

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 [NIF](#) .

Yin S, et al. (2025) BRD9 functions as a methylarginine reader to regulate AKT-EZH2 signaling. Science advances, 11(17), eads6385.

Ferrarone JR, et al. (2024) Genome-wide CRISPR screens in spheroid culture reveal that the tumor suppressor LKB1 inhibits growth via the PIKFYVE lipid kinase. Proceedings of the National Academy of Sciences of the United States of America, 121(21), e2403685121.

Lasick KA, et al. (2023) FOXO nuclear shuttling dynamics are stimulus-dependent and correspond with cell fate. Molecular biology of the cell, 34(3), ar21.

Ferrarone JR, et al. (2023) LKB1 suppresses growth and promotes the internalization of EGFR through the PIKFYVE lipid kinase. bioRxiv : the preprint server for biology.

Yin S, et al. (2021) PRMT5-mediated arginine methylation activates AKT kinase to govern tumorigenesis. Nature communications, 12(1), 3444.