

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pcDNA3.1 AKT3 HA (CT-gfp)

RRID:Addgene_27293

Type: Plasmid

Proper Citation

RRID:Addgene_27293

Plasmid Information

URL: <http://www.addgene.org/27293>

Proper Citation: RRID:Addgene_27293

Insert Name: protein kinase B gamma

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:6157; Vector Backbone:pcDNA3.1/CT-GFP-Topo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The GFP is not expressed as there is a stop codon after the HA tag. mTORC2 reportedly can phosphorylate FSY and FSF sites, so the Y473F mutation should not affect expression or function.

Plasmid Name: pcDNA3.1 AKT3 HA (CT-gfp)

Relevant Mutation: Y473F

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081301+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 AKT3 HA (CT-gfp).

No alerts have been found for pcDNA3.1 AKT3 HA (CT-gfp).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Wu XJ, et al. (2023) Kaposi's sarcoma-associated herpesvirus viral protein kinase augments cell survival. Cell death & disease, 14(10), 688.

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).