Resource Summary Report

Generated by NIF on Jul 28, 2026

pEGFP-Akt-DD

RRID:Addgene_39536
Type: Plasmid

Proper Citation

RRID:Addgene_39536

Plasmid Information

URL: http://www.addgene.org/39536

Proper Citation: RRID:Addgene_39536

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-DD

Relevant Mutation: DD = T308D and S473D

Record Creation Time: 20220422T222206+0000

Record Last Update: 20260725T074636+0000

Ratings and Alerts

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

No alerts have been found for pEGFP-Akt-DD.

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 .

Gollowitzer A, et al. (2025) Attenuated growth factor signaling during cell death initiation sensitizes membranes towards peroxidation. Nature communications, 16(1), 1774.

Abe-Fukasawa N, et al. (2021) A liquid culture cancer spheroid model reveals low PI3K/Akt pathway activity and low adhesiveness to the extracellular matrix. The FEBS journal, 288(19), 5650.

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

Tsoi H, et al. (2014) The SARS-coronavirus membrane protein induces apoptosis via interfering with PDK1-PKB/Akt signalling. The Biochemical journal, 464(3), 439.