

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pLPS-hAkt1-gfp

RRID:Addgene_49388

Type: Plasmid

Proper Citation

RRID:Addgene_49388

Plasmid Information

URL: <http://www.addgene.org/49388>

Proper Citation: RRID:Addgene_49388

Insert Name: Akt1

Organism: Homo sapiens

Bacterial Resistance: Chloramphenicol and Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4900; Vector Backbone:pLPS-3'EGFP; Vector Types:Mammalian Expression, Cre/Lox, acceptor vector; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: hAkt1 was transferred from the donor vector (pDNR-hAkt1, Addgene plasmid #49387) to the acceptor vector using Cre-mediated recombination at the LoxP sites. When the recombinant construct is expressed in mammalian cells, EGFP is expressed from the immediate early promoter of cytomegalovirus (pCMV IE) as a 3' fusion to Akt1, through intron splicing.

Plasmid Name: pLPS-hAkt1-gfp

Relevant Mutation: tga to cca at nt 1725 with respect to GenBank ID BC000479

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081600+0000

Ratings and Alerts

No rating or validation information has been found for pLPS-hAkt1-gfp.

No alerts have been found for pLPS-hAkt1-gfp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.