

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pcDNA3.1 AK3 Hyg](#)

RRID:Addgene_37539

Type: Plasmid

Proper Citation

RRID:Addgene_37539

Plasmid Information

URL: <http://www.addgene.org/37539>

Proper Citation: RRID:Addgene_37539

Insert Name: AK3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21698293](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5597; Vector Backbone:pcDNA3.1(+) hygro; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1 AK3 Hyg

Record Creation Time: 20220422T222159+0000

Record Last Update: 20260815T081415+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 AK3 Hyg.

No alerts have been found for pcDNA3.1 AK3 Hyg.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Jeong M, et al. (2026) Mitochondrial AK3 inhibits nuclear β -catenin localization and its activation through enhancing mitochondrial activity. Cell death & disease, 17(1).