

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pECE-HA-AMPKalpha2 wt

RRID:Addgene_31654

Type: Plasmid

Proper Citation

RRID:Addgene_31654

Plasmid Information

URL: <http://www.addgene.org/31654>

Proper Citation: RRID:Addgene_31654

Insert Name: protein kinase, AMP-activated, alpha 2 catalytic subunit

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22137581](#)

Vector Backbone Description: Backbone Size:2900; Vector Backbone:pECE, Addgene plasmid 26453; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pECE-HA-AMPKalpha2 wt

Record Creation Time: 20220422T222137+0000

Record Last Update: 20260725T074544+0000

Ratings and Alerts

No rating or validation information has been found for pECE-HA-AMPKalpha2 wt.

No alerts have been found for pECE-HA-AMPKalpha2 wt.

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](#) .

Chu X, et al. (2023) Gasdermin D-mediated pyroptosis is regulated by AMPK-mediated phosphorylation in tumor cells. *Cell death & disease*, 14(7), 469.

Gan L, et al. (2020) Small Extracellular Microvesicles Mediated Pathological Communications Between Dysfunctional Adipocytes and Cardiomyocytes as a Novel Mechanism Exacerbating Ischemia/Reperfusion Injury in Diabetic Mice. *Circulation*, 141(12), 968.

Stauffer S, et al. (2019) Cyclin-dependent kinase 1-mediated AMPK phosphorylation regulates chromosome alignment and mitotic progression. *Journal of cell science*, 132(20).

Bakula D, et al. (2017) WIPI3 and WIPI4 ??-propellers are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. *Nature communications*, 8, 15637.

Chen YL, et al. (2017) Protein phosphatase 5 promotes hepatocarcinogenesis through interaction with AMP-activated protein kinase. *Biochemical pharmacology*, 138, 49.