

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

pLenti.CMV/TO_PRKAA1

RRID:Addgene_74446

Type: Plasmid

Proper Citation

RRID:Addgene_74446

Plasmid Information

URL: <http://www.addgene.org/74446>

Proper Citation: RRID:Addgene_74446

Insert Name: AMPK alpha 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26816379](#)

Vector Backbone Description: Backbone Marker: Addgene plasmid 17482; Vector Backbone:pLenti CMV/TO Puro empty (w175-1); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti.CMV/TO_PRKAA1

Record Creation Time: 20220422T222454+0000

Record Last Update: 20260905T080102+0000

Ratings and Alerts

No rating or validation information has been found for pLenti.CMV/TO_PRKAA1.

No alerts have been found for pLenti.CMV/TO_PRKAA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pandit M, et al. (2023) Methionine consumption by cancer cells drives a progressive upregulation of PD-1 expression in CD4 T cells. Nature communications, 14(1), 2593.

van Vliet T, et al. (2021) Physiological hypoxia restrains the senescence-associated secretory phenotype via AMPK-mediated mTOR suppression. Molecular cell, 81(9), 2041.

Chen Q, et al. (2020) BRCA1 Deficiency Impairs Mitophagy and Promotes Inflammasome Activation and Mammary Tumor Metastasis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 7(6), 1903616.