

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

p7056 pHAGE-P-CMVt-N-HA-GAW-CPT1A

RRID:Addgene_100146

Type: Plasmid

Proper Citation

RRID:Addgene_100146

Plasmid Information

URL: <http://www.addgene.org/100146>

Proper Citation: RRID:Addgene_100146

Insert Name: CPT1A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25476789](#)

Vector Backbone Description: Backbone Size:7800; Vector Backbone:PHAGE-P-CMVt-N-HA-GAW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: p7056 pHAGE-P-CMVt-N-HA-GAW-CPT1A

Record Creation Time: 20220422T221446+0000

Record Last Update: 20260912T091335+0000

Ratings and Alerts

No rating or validation information has been found for p7056 pHAGE-P-CMVt-N-HA-GAW-CPT1A.

No alerts have been found for p7056 pHAGE-P-CMVt-N-HA-GAW-CPT1A.

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](#) .

Pakhira S, et al. (2025) Altered fatty acid oxidation via CPT1A promotes epithelial-to-mesenchymal transition in ovarian cancer. The FEBS journal.

Chen F, et al. (2025) Inhibiting FAT1 Blocks Metabolic Bypass to Enhance Antitumor Efficacy of TCA Cycle Inhibition through Suppressing CPT1A-Dependent Fatty Acid Oxidation. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(30), e02146.

He Q, et al. (2024) Acetate enables metabolic fitness and cognitive performance during sleep disruption. Cell metabolism, 36(9), 1998.

Kim S, et al. (2022) miR204 potentially promotes non-alcoholic fatty liver disease by inhibition of cpt1a in mouse hepatocytes. Communications biology, 5(1), 1002.

Jariwala N, et al. (2021) CPT1A and fatty acid β -oxidation are essential for tumor cell growth and survival in hormone receptor-positive breast cancer. NAR cancer, 3(3), zcab035.