

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pCMV?-p300-myc](#)

RRID:Addgene_30489

Type: Plasmid

Proper Citation

RRID:Addgene_30489

Plasmid Information

URL: <http://www.addgene.org/30489>

Proper Citation: RRID:Addgene_30489

Insert Name: p300

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4800; Vector Backbone:pCMVb; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV?-p300-myc

Record Creation Time: 20220422T222133+0000

Record Last Update: 20260815T081325+0000

Ratings and Alerts

No rating or validation information has been found for pCMV?-p300-myc.

No alerts have been found for pCMV?-p300-myc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Tsuruta A, et al. (2026) The circadian clock component BMAL1 enhances macrophage inflammation by nuclear translocation of peroxisomal α -oxidation enzyme MFP2. *Cell reports*, 45(6), 117480.

Yu H, et al. (2026) p300 Degradation by the p53-SIAH1 Axis Relieves TBK1 Acetylation to Enhance Innate Antiviral Immunity. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e76101.

Fu Q, et al. (2026) Identification of the regulatory elements and protein substrates of lysine acetoacetylation. *eLife*, 14.

Shimazu T, et al. (2025) Mitochondrial hyper-acetylation induced by an engineered acetyltransferase promotes cellular senescence. *iScience*, 28(9), 113233.

Kim G, et al. (2024) Sirtuin 5-mediated deacetylation of TAZ at K54 promotes melanoma development. *Cellular oncology* (Dordrecht, Netherlands), 47(3), 967.

Georgieva AM, et al. (2022) Inactivation of Sirt6 ameliorates muscular dystrophy in mdx mice by releasing suppression of utrophin expression. *Nature communications*, 13(1), 4184.

Song X, et al. (2021) Dynamic crotonylation of EB1 by TIP60 ensures accurate spindle positioning in mitosis. *Nature chemical biology*, 17(12), 1314.

Ufartes R, et al. (2021) CHARGE syndrome and related disorders: a mechanistic link. *Human molecular genetics*, 30(23), 2215.

Zhu Z, et al. (2021) Identification of lysine isobutyrylation as a new histone modification mark. *Nucleic acids research*, 49(1), 177.

Cheng J, et al. (2021) Small-molecule probe reveals a kinase cascade that links stress signaling to TCF/LEF and Wnt responsiveness. *Cell chemical biology*, 28(5), 625.

Kerek EM, et al. (2021) A conserved acetylation switch enables pharmacological control of tubby-like protein stability. *The Journal of biological chemistry*, 296, 100073.

Ganner A, et al. (2020) The acetyltransferase p300 regulates NRF2 stability and localization. *Biochemical and biophysical research communications*, 524(4), 895.

Fan L, et al. (2020) Histone demethylase JMJD1A promotes expression of DNA repair factors and radio-resistance of prostate cancer cells. *Cell death & disease*, 11(4), 214.

Sobuz SU, et al. (2019) SIRT7 regulates the nuclear export of NF- κ B p65 by deacetylating Ran. *Biochimica et biophysica acta. Molecular cell research*, 1866(9), 1355.

McIntyre J, et al. (2019) DNA polymerase β is acetylated in response to SN2 alkylating agents. *Scientific reports*, 9(1), 4789.

Fukuda M, et al. (2018) SIRT7 has a critical role in bone formation by regulating lysine acylation of SP7/Osterix. *Nature communications*, 9(1), 2833.

Ling H, et al. (2018) Histone Deacetylase SIRT1 Targets Plk2 to Regulate Centriole Duplication. *Cell reports*, 25(10), 2851.

Wei Z, et al. (2018) Vitamin D Switches BAF Complexes to Protect ? Cells. *Cell*, 173(5), 1135.

Qian K, et al. (2018) Transcriptional regulation of O-GlcNAc homeostasis is disrupted in pancreatic cancer. *The Journal of biological chemistry*, 293(36), 13989.

Miyasato Y, et al. (2018) Sirtuin 7 Deficiency Ameliorates Cisplatin-induced Acute Kidney Injury Through Regulation of the Inflammatory Response. *Scientific reports*, 8(1), 5927.