Resource Summary Report

Generated by dkNET on Jul 28, 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: 20260725T074538+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 22 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

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.

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

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

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.

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.

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

Fish JE, et al. (2017) Dynamic regulation of VEGF-inducible genes by an ERK/ERG/p300 transcriptional network. Development (Cambridge, England), 144(13), 2428.

Cheung KL, et al. (2017) Distinct Roles of Brd2 and Brd4 in Potentiating the Transcriptional Program for Th17 Cell Differentiation. Molecular cell, 65(6), 1068.

Qiang L, et al. (2016) Autophagy positively regulates DNA damage recognition by nucleotide excision repair. Autophagy, 12(2), 357.