

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

pSG5-HA-p300

RRID:Addgene_89094

Type: Plasmid

Proper Citation

RRID:Addgene_89094

Plasmid Information

URL: <http://www.addgene.org/89094>

Proper Citation: RRID:Addgene_89094

Insert Name: p300

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20448036](#)

Vector Backbone Description: Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Addgene's sequencing results found a D1507N mutation in p300 compared to NCBI reference sequence NM_001429.3. This mutation is not known to affect plasmid function.

Plasmid Name: pSG5-HA-p300

Record Creation Time: 20220422T222606+0000

Record Last Update: 20260815T082153+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-HA-p300.

No alerts have been found for pSG5-HA-p300.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Kim H, et al. (2025) Loss of p300 in proximal tubular cells reduces renal fibrosis and endothelial-mesenchymal transition. *EMBO molecular medicine*, 17(7), 1575.

Zhu B, et al. (2024) The balance between nuclear import and export of NLRC5 regulates MHC class I transactivation. *The Journal of biological chemistry*, 300(5), 107205.

Zhang S, et al. (2023) PXR triggers YAP-TEAD binding and Sirt2-driven YAP deacetylation and polyubiquitination to promote liver enlargement and regeneration in mice. *Pharmacological research*, 188, 106666.

Chen LY, et al. (2023) A heterobifunctional molecule system for targeted protein acetylation in cells. *Methods in enzymology*, 681, 287.

Dai X, et al. (2022) Acetylation-dependent regulation of BRAF oncogenic function. *Cell reports*, 38(3), 110250.

Li TY, et al. (2021) The transcriptional coactivator CBP/p300 is an evolutionarily conserved node that promotes longevity in response to mitochondrial stress. *Nature aging*, 1(2), 165.

Shimizu K, et al. (2021) Interplay between protein acetylation and ubiquitination controls MCL1 protein stability. *Cell reports*, 37(6), 109988.

Fu R, et al. (2020) Endothelial ZEB1 promotes angiogenesis-dependent bone formation and reverses osteoporosis. *Nature communications*, 11(1), 460.

Morshneva A, et al. (2019) Expression of Adenoviral E1A in Transformed Cells as an Additional Factor of HDACi-Dependent FoxO Regulation. *Cells*, 9(1).