

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA-mC/EBPb

RRID:Addgene_49198

Type: Plasmid

Proper Citation

RRID:Addgene_49198

Plasmid Information

URL: <http://www.addgene.org/49198>

Proper Citation: RRID:Addgene_49198

Insert Name: C/EBPbeta

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA-mC/EBPb

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260725T074756+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA-mC/EBPb.

No alerts have been found for pcDNA-mC/EBPb.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Rial SA, et al. (2025) 14-3-3 γ allows for adipogenesis by modulating chromatin accessibility during the early stages of adipocyte differentiation. *Molecular metabolism*, 97, 102159.

Pacheco-Bernal I, et al. (2024) Transitions in chromatin conformation shaped by fatty acids and the circadian clock underlie hepatic transcriptional reorganization in obese mice. *Cellular and molecular life sciences : CMLS*, 81(1), 309.

Rial SA, et al. (2024) 14-3-3 γ regulates adipogenesis by modulating chromatin accessibility during the early stages of adipocyte differentiation. *bioRxiv : the preprint server for biology*.

Liu X, et al. (2024) Transcriptional control of a stem cell factor nucleostemin in liver regeneration and aging. *PloS one*, 19(9), e0310219.

Mussbacher M, et al. (2019) S-nitrosoglutathione inhibits adipogenesis in 3T3-L1 preadipocytes by S-nitrosation of CCAAT/enhancer-binding protein γ . *Scientific reports*, 9(1), 15403.

Yamaguchi J, et al. (2017) Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. *Scientific reports*, 7(1), 6516.

Chen X, et al. (2017) Endoplasmic Reticulum Stress-Induced CHOP Inhibits PGC-1 α and Causes Mitochondrial Dysfunction in Diabetic Embryopathy. *Toxicological sciences : an official journal of the Society of Toxicology*, 158(2), 275.