

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pcDNA3 Flag C/EBPa

RRID:Addgene_66978

Type: Plasmid

Proper Citation

RRID:Addgene_66978

Plasmid Information

URL: <http://www.addgene.org/66978>

Proper Citation: RRID:Addgene_66978

Insert Name: C/EBP alpha

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25982114](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3 Flag C/EBPa

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260725T075022+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 Flag C/EBPa.

No alerts have been found for pcDNA3 Flag C/EBPa.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

Kim S, et al. (2024) Transcription factor C/EBP β is required for the development of Ly6Chi monocytes but not Ly6Clo monocytes. Proceedings of the National Academy of Sciences of the United States of America, 121(15), e2315659121.

Valentine JM, et al. (2022) β 3-Adrenergic receptor downregulation leads to adipocyte catecholamine resistance in obesity. The Journal of clinical investigation, 132(2).

Song Z, et al. (2022) The conserved Mediator subunit cyclin C (CCNC) is required for brown adipocyte development and lipid accumulation. Molecular metabolism, 64, 101548.

Song Z, et al. (2017) Cyclin C regulates adipogenesis by stimulating transcriptional activity of CCAAT/enhancer-binding protein β . The Journal of biological chemistry, 292(21), 8918.

Marwarha G, et al. (2016) Palmitate-induced Endoplasmic Reticulum stress and subsequent C/EBP β Homologous Protein activation attenuates leptin and Insulin-like growth factor 1 expression in the brain. Cellular signalling, 28(11), 1789.