

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

pcDNA 3.1(-) mouse C/EBP beta (LIP)

RRID:Addgene_12561

Type: Plasmid

Proper Citation

RRID:Addgene_12561

Plasmid Information

URL: <http://www.addgene.org/12561>

Proper Citation: RRID:Addgene_12561

Insert Name: CCAAT/Enhancer-binding Protein beta LIP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5427; Vector Backbone:pcDNA3.1(-); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The C/EBPbeta gene encodes 3 in-frame translational isoforms (LAP*, LAP, and LIP). This plasmid is designed to express the LIP isoform of the protein. For more information on the C/EBPbeta isoforms, please see the original reference: Descombes, P., and Schibler, U. A liver-enriched transcriptional activator protein, LAP, and a transcriptional inhibitory protein, LIP, are translated from the same mRNA. Cell 67:569-579 (1991).

Plasmid Name: pcDNA 3.1(-) mouse C/EBP beta (LIP)

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260829T075404+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA 3.1(-) mouse C/EBP beta (LIP).

No alerts have been found for pcDNA 3.1(-) mouse C/EBP beta (LIP).

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 [RRID](#) .

Yang ZS, et al. (2021) Regulation and Function of Laminin A5 during Mouse and Human Decidualization. International journal of molecular sciences, 23(1).

Luo X, et al. (2017) PARP-1 Controls the Adipogenic Transcriptional Program by PARylating C/EBP β and Modulating Its Transcriptional Activity. Molecular cell, 65(2), 260.

Oller J, et al. (2015) C/EBP β and Nuclear Factor of Activated T Cells Differentially Regulate Adamts-1 Induction by Stimuli Associated with Vascular Remodeling. Molecular and cellular biology, 35(19), 3409.

Arensdorf AM, et al. (2013) Endoplasmic reticulum stress impairs IL-4/IL-13 signaling through C/EBP β -mediated transcriptional suppression. Journal of cell science, 126(Pt 17), 4026.

Wang X, et al. (2013) Loss of sorting nexin 27 contributes to excitatory synaptic dysfunction by modulating glutamate receptor recycling in Down's syndrome. Nature medicine, 19(4), 473.

Tsuchimochi K, et al. (2010) GADD45 β enhances Col10a1 transcription via the MTK1/MKK3/6/p38 axis and activation of C/EBP β -TAD4 in terminally differentiating chondrocytes. The Journal of biological chemistry, 285(11), 8395.