

Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

CHOP 6: mCHOP-WT-9E10-pcDNA1

RRID:Addgene_21913

Type: Plasmid

Proper Citation

RRID:Addgene_21913

Plasmid Information

URL: <http://www.addgene.org/21913>

Proper Citation: RRID:Addgene_21913

Insert Name: CHOP10

Organism: Mus musculus

Bacterial Resistance: Ampicillin and Tetracycline

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4000; Vector Backbone:pcDNA1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin and Tetracycline

Comments: From depositing lab: "9E10 (Myc-epitope) tagged mouse CHOP coding region only. The insert was joined to the epitope tag using patch-PCR and incorporating unique BamH1 and Xho1 sites for ligation into pcDNA1. Stocks are provided as MC1060 (or MC1061, we are not sure) host strain transformed with the plasmid. Note that pcDNA1 plasmids must be propagated on combined amp and tet selection. I would recommend that you consider transferring the insert into a better host strain such as pcDNA3"

Plasmid Name: CHOP 6: mCHOP-WT-9E10-pcDNA1

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260905T075357+0000

Ratings and Alerts

No rating or validation information has been found for CHOP 6: mCHOP-WT-9E10-pcDNA1.

No alerts have been found for CHOP 6: mCHOP-WT-9E10-pcDNA1.

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 [nidm-terms](#) .

Bartko JC, et al. (2020) Phosphorylation within the bipartite NLS alters the localization and toxicity of the ER stress response factor DDIT3/CHOP. Cellular signalling, 74, 109713.

Wang Q, et al. (2020) Mouse γ -Synuclein Promoter-Mediated Gene Expression and Editing in Mammalian Retinal Ganglion Cells. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(20), 3896.

Drori A, et al. (2020) CB1R regulates soluble leptin receptor levels via CHOP, contributing to hepatic leptin resistance. eLife, 9.

Marwarha G, et al. (2018) Palmitate-induced C/EBP homologous protein activation leads to NF- κ B-mediated increase in BACE1 activity and amyloid beta genesis. Journal of neurochemistry, 144(6), 761.

Marwarha G, et al. (2017) Palmitate Increases γ -site A β PP-Cleavage Enzyme 1 Activity and Amyloid- β Genesis by Evoking Endoplasmic Reticulum Stress and Subsequent C/EBP Homologous Protein Activation. Journal of Alzheimer's disease : JAD, 57(3), 907.

Jegal KH, et al. (2017) Activating transcription factor 6-dependent sestrin 2 induction ameliorates ER stress-mediated liver injury. Biochimica et biophysica acta. Molecular cell research, 1864(7), 1295.

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.

Gupta A, et al. (2015) Assays for induction of the unfolded protein response and selective activation of the three major pathways. Methods in molecular biology (Clifton, N.J.), 1292, 19.

Huang H, et al. (2015) Disruption of the unfolded protein response (UPR) by lead compound selectively suppresses cancer cell growth. Cancer letters, 360(2), 257.