

Resource Summary Report

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

mCHOP10(dLZ).pCDNA1

RRID:Addgene_21900

Type: Plasmid

Proper Citation

RRID:Addgene_21900

Plasmid Information

URL: <http://www.addgene.org/21900>

Proper Citation: RRID:Addgene_21900

Insert Name: CHOP10

Organism: Mus musculus

Bacterial Resistance: Ampicillin and Tetracycline

Defining Citation: [PMID:1547942](#)

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

Comments: Addgene sequencing results show that only half of the leucin zipper is deleted, protein ends at amino acid 133. Note that the phagemid had a scrambled insert and the portion 3' of the CHOP-10 coding region (in red-see author's map) is not from the CHOP gene. If you wish to obtain a CHOP probe for hybridization experiments we suggest excising the HD3-Nhe1 fragment that contains CHOP coding sequence. Note that this plasmid must be propagated in P3-containing host strain such as DH10B/P3 under combined amp (25mcg/ml)/tet (10mcg/ml) selection pressure.

Plasmid Name: mCHOP10(dLZ).pCDNA1

Relevant Mutation: The coding region of the murine CHOP-10 cDNA was interrupted at the unique Nhe1 site, making delta leucine zipper

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260725T074428+0000

Ratings and Alerts

No rating or validation information has been found for mCHOP10(dLZ).pCDNA1.

No alerts have been found for mCHOP10(dLZ).pCDNA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.