

Resource Summary Report

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

pcDNA3-Flag-Tet1 CD

RRID:Addgene_70129

Type: Plasmid

Proper Citation

RRID:Addgene_70129

Plasmid Information

URL: <http://www.addgene.org/70129>

Proper Citation: RRID:Addgene_70129

Insert Name: Ten-Eleven Translocation 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21778364](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: *modified pcDNA3 vector with a beta globulin intron inserted. This insertion can help stabilize the transcripts and is particularly useful for the expression of large genes, such as p300 and Tet proteins. For additional information about how this plasmid was created and used, please see Ito et al., Nature 2010 Pubmed ID: 20639862

Plasmid Name: pcDNA3-Flag-Tet1 CD

Relevant Mutation: The plasmid expresses TET1 catalytic domain.

Record Creation Time: 20220422T222433+0000

Record Last Update: 20260725T075047+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-Flag-Tet1 CD.

No alerts have been found for pcDNA3-Flag-Tet1 CD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ayodeji SA, et al. (2023) Hyperglycemia and O-GlcNAc transferase activity drive a cancer stem cell pathway in triple-negative breast cancer. *Cancer cell international*, 23(1), 102.

Tran KA, et al. (2019) Coordinated removal of repressive epigenetic modifications during induced reversal of cell identity. *The EMBO journal*, 38(22), e101681.

Wang Y, et al. (2019) Tet1 Overexpression and Decreased DNA Hydroxymethylation Protect Neurons Against Cell Death After Injury by Increasing Expression of Genes Involved in Cell Survival. *World neurosurgery*, 126, e713.