

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[tetO-MEF2C](#)

RRID:Addgene_46031

Type: Plasmid

Proper Citation

RRID:Addgene_46031

Plasmid Information

URL: <http://www.addgene.org/46031>

Proper Citation: RRID:Addgene_46031

Insert Name: MEF2C

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23591016](#)

Vector Backbone Description: Vector Backbone:tetO-Gateway; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: tetO-MEF2C

Record Creation Time: 20220422T222237+0000

Record Last Update: 20260815T081528+0000

Ratings and Alerts

No rating or validation information has been found for tetO-MEF2C.

No alerts have been found for tetO-MEF2C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Tao Y, et al. (2023) Robust small molecule-aided cardiac reprogramming systems selective to cardiac fibroblasts. *iScience*, 26(12), 108466.

Haridhasapavalan KK, et al. (2022) Generation of a recombinant version of a biologically active cell-permeant human HAND2 transcription factor from *E. coli*. *Scientific reports*, 12(1), 16129.

Razzaq SS, et al. (2022) Overexpression of GATA binding protein 4 and myocyte enhancer factor 2C induces differentiation of mesenchymal stem cells into cardiac-like cells. *World journal of stem cells*, 14(9), 700.

Ifkovits JL, et al. (2014) Inhibition of TGF β signaling increases direct conversion of fibroblasts to induced cardiomyocytes. *PloS one*, 9(2), e89678.