

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

pMCSG53-DsbC

RRID:Addgene_186623

Type: Plasmid

Proper Citation

RRID:Addgene_186623

Plasmid Information

URL: <http://www.addgene.org/186623>

Proper Citation: RRID:Addgene_186623

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36157583](#)

Vector Backbone Description: Backbone Marker:Eschenfeldt, W. H., Makowska-Grzyska, M., Stols, L., Donnelly, M. I., Jedrzejczak, R., & Joachimiak, A.; Backbone Size:5834; Vector Backbone:pMCSG53; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Read the preprint on bioRxiv:
<https://www.biorxiv.org/content/10.1101/2022.02.15.480596v1>.

Plasmid Name: pMCSG53-DsbC

Record Creation Time: 20220921T080240+0000

Record Last Update: 20260919T092727+0000

Ratings and Alerts

No rating or validation information has been found for pMCSG53-DsbC.

No alerts have been found for pMCSG53-DsbC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yu CJ, et al. (2025) Adipocyte heparan sulfate determines type 2 diabetes susceptibility in mice via FGF1-Mediated glucose regulation. *Molecular metabolism*, 102, 102267.

Semper C, et al. (2023) Protein expression and purification of bioactive growth factors for use in cell culture and cellular agriculture. *STAR protocols*, 4(3), 102351.