

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

CYP2C8

RRID:Addgene_69604

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/69604>

Proper Citation: RRID:Addgene_69604

Insert Name: CYP2C8

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pCW; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Modification of CYP2C8 for bacterial expression as per Barnes et al. PNAS 88:5597, 1991 [PMID: 1829523]: First 8 amino acids of CYP2C cDNAs replaced with those of bovine 17?? hydroxylase (MALLLAVF) to optimize bacterial expression. An XbaI site was placed after the stop codon The insert was ligated into NdeI and XBbaI cut pCW ori+.

Plasmid Name: CYP2C8

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260902T050022+0000

Ratings and Alerts

No rating or validation information has been found for CYP2C8.

No alerts have been found for CYP2C8.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wright WC, et al. (2020) Clobetasol Propionate Is a Heme-Mediated Selective Inhibitor of Human Cytochrome P450 3A5. Journal of medicinal chemistry, 63(3), 1415.