

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

CYP2C19

RRID:Addgene_69606

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/69606>

Proper Citation: RRID:Addgene_69606

Insert Name: CYP2C19

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 CYP2C19 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.

Plasmid Name: CYP2C19

Relevant Mutation: deletion of AA1-8 and mutation I331V

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260902T050022+0000

Ratings and Alerts

No rating or validation information has been found for CYP2C19.

No alerts have been found for CYP2C19.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.