

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pCW-codon optimized catalytically inactive PHGDH

RRID:Addgene_154903

Type: Plasmid

Proper Citation

RRID:Addgene_154903

Plasmid Information

URL: <http://www.addgene.org/154903>

Proper Citation: RRID:Addgene_154903

Insert Name: Phosphoglycerate dehydrogenase

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32571778](#)

Vector Backbone Description: Backbone Size:7943; Vector Backbone:pCW57-MCS1-P2A-MCS2; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCW-codon optimized catalytically inactive PHGDH

Relevant Mutation: Three mutations: D175N, R236K, H283A

Record Creation Time: 20220422T221848+0000

Record Last Update: 20260815T080756+0000

Ratings and Alerts

No rating or validation information has been found for pCW-codon optimized catalytically inactive PHGDH.

No alerts have been found for pCW-codon optimized catalytically inactive PHGDH.

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 [RRID](#) .

Van Nyen T, et al. (2022) Serine metabolism remodeling after platinum-based chemotherapy identifies vulnerabilities in a subgroup of resistant ovarian cancers. Nature communications, 13(1), 4578.