

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCMV-PTEN-C124S

RRID:Addgene_28300

Type: Plasmid

Proper Citation

RRID:Addgene_28300

Plasmid Information

URL: <http://www.addgene.org/28300>

Proper Citation: RRID:Addgene_28300

Insert Name: PTEN

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16456542](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pCMV-2-FLAG;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-PTEN-C124S

Relevant Mutation: Phosphatase Inactive Mutant Cys124Ser

Record Creation Time: 20220422T222127+0000

Record Last Update: 20260725T074527+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-PTEN-C124S.

No alerts have been found for pCMV-PTEN-C124S.

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 [NIF](#) .

Nitzsche A, et al. (2021) Paladin is a phosphoinositide phosphatase regulating endosomal VEGFR2 signalling and angiogenesis. EMBO reports, 22(2), e50218.