

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pOPINS3C](#)

RRID:Addgene_41115

Type: Plasmid

Proper Citation

RRID:Addgene_41115

Plasmid Information

URL: <http://www.addgene.org/41115>

Proper Citation: RRID:Addgene_41115

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21856427](#)

Vector Backbone Description: Backbone Marker:Merck; Vector Backbone:ptriex2; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: There is a minor gap between depositor's reference sequence and Addgene's quality control sequence. The gap does not affect SUMO ORF.

Plasmid Name: pOPINS3C

Record Creation Time: 20220422T222213+0000

Record Last Update: 20260815T081442+0000

Ratings and Alerts

No rating or validation information has been found for pOPINS3C.

No alerts have been found for pOPINS3C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Burbidge O, et al. (2025) Nanobodies restore stability to cancer-associated mutants of tumor suppressor protein p16INK4a. *Structure* (London, England : 1993).

Almeida T, et al. (2025) Dock-and-lock binding of SxIP ligands is required for stable and selective EB1 interactions. *eLife*, 13.

Roy S, et al. (2023) The ROK kinase N-acetylglucosamine kinase uses a sequential random enzyme mechanism with successive conformational changes upon each substrate binding. *The Journal of biological chemistry*, 299(4), 103033.

Maddi ER, et al. (2021) Optimization strategies for expression and purification of soluble N-terminal domain of human centriolar protein SAS-6 in *Escherichia coli*. *Protein expression and purification*, 183, 105856.

Birch J, et al. (2020) Changes in Membrane Protein Structural Biology. *Biology*, 9(11).