

Resource Summary Report

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

[pOPINE](#)

RRID:Addgene_26043

Type: Plasmid

Proper Citation

RRID:Addgene_26043

Plasmid Information

URL: <http://www.addgene.org/26043>

Proper Citation: RRID:Addgene_26043

Insert Name: His-lacZ-KHHHHHH

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17317681](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5457; Vector Backbone:pTriEx-2; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: Promoters/baculoviral recombination sites: T7lacO, CMV enhancer and beta-actin promoter, p10 promoter/lef-2 and 1629 baculo elements.

Plasmid Name: pOPINE

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260902T045132+0000

Ratings and Alerts

No rating or validation information has been found for pOPINE.

No alerts have been found for pOPINE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Manger S, et al. (2025) How does Mycoplasma pneumoniae scavenge lipids from its host membranes? Science advances, 11(40), eady4746.

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

Kaipa JM, et al. (2023) Screening of Membrane Protein Production by Comparison of Transient Expression in Insect and Mammalian Cells. Biomolecules, 13(5).

Sprankel L, et al. (2023) Essential protein P116 extracts cholesterol and other indispensable lipids for Mycoplasmas. Nature structural & molecular biology, 30(3), 321.

Aparicio D, et al. (2020) Structure and mechanism of the Nap adhesion complex from the human pathogen Mycoplasma genitalium. Nature communications, 11(1), 2877.

Álvarez-Rodríguez I, et al. (2020) Conjugative Coupling Proteins and the Role of Their Domains in Conjugation, Secondary Structure and in vivo Subcellular Location. Frontiers in molecular biosciences, 7, 185.

Vizarraga D, et al. (2020) Immunodominant proteins P1 and P40/P90 from human pathogen Mycoplasma pneumoniae. Nature communications, 11(1), 5188.

Aparicio D, et al. (2018) Mycoplasma genitalium adhesin P110 binds sialic-acid human receptors. Nature communications, 9(1), 4471.