

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pTRIP-CMV-Puro-2A-cGAS

RRID:Addgene_102612

Type: Plasmid

Proper Citation

RRID:Addgene_102612

Plasmid Information

URL: <http://www.addgene.org/102612>

Proper Citation: RRID:Addgene_102612

Insert Name: cGAS

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26229115](#)

Vector Backbone Description: Vector Backbone:pTRIP; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pTRIP-CMV-Puro-2A-cGAS

Record Creation Time: 20220422T221456+0000

Record Last Update: 20260815T080024+0000

Ratings and Alerts

No rating or validation information has been found for pTRIP-CMV-Puro-2A-cGAS.

No alerts have been found for pTRIP-CMV-Puro-2A-cGAS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chen X, et al. (2025) DNA methylation protects cancer cells against senescence. Nature communications, 16(1), 5901.

Su J, et al. (2023) Sensing Cytosolic DNA Lowers Blood Pressure by Direct cGAMP-Dependent PKGI Activation. Circulation, 148(13), 1023.

Amalfi S, et al. (2023) P26 enhances baculovirus gene delivery by modulating the mammalian antiviral response. Applied microbiology and biotechnology, 107(20), 6277.

Amalfi S, et al. (2020) Baculovirus Transduction in Mammalian Cells Is Affected by the Production of Type I and III Interferons, Which Is Mediated Mainly by the cGAS-STING Pathway. Journal of virology, 94(21).