

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pCSIIpuro-mNG-eDHFR(69K6)-RasGEF

RRID:Addgene_172104

Type: Plasmid

Proper Citation

RRID:Addgene_172104

Plasmid Information

URL: <http://www.addgene.org/172104>

Proper Citation: RRID:Addgene_172104

Insert Name: mNeonGreen-eDHFR(69K6)-RasGRF1(Cdc25)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35835118](#)

Vector Backbone Description: Backbone Marker:Dr. Hiroyuki Miyoshi (RIKEN, Japan); Backbone Size:10309; Vector Backbone:pCSII-EF-MCS; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The chemical mDcTMP, to control protein translocation, can be obtained from Funakoshi Co., Ltd. https://www.funakoshi.co.jp/exports_contents/95015. Please visit <https://www.biorxiv.org/content/10.1101/2021.03.16.435568v1> for bioRxiv preprint.

Plasmid Name: pCSIIpuro-mNG-eDHFR(69K6)-RasGEF

Record Creation Time: 20220716T080211+0000

Record Last Update: 20260902T042844+0000

Ratings and Alerts

No rating or validation information has been found for pCSIIpuro-mNG-eDHFR(69K6)-RasGEF.

No alerts have been found for pCSIIpuro-mNG-eDHFR(69K6)-RasGEF.

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](#) .

Suzuki S, et al. (2022) A chemogenetic platform for controlling plasma membrane signaling and synthetic signal oscillation. Cell chemical biology, 29(9), 1446.