

Resource Summary Report

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

pcDNA3.cytGAP

RRID:Addgene_78734

Type: Plasmid

Proper Citation

RRID:Addgene_78734

Plasmid Information

URL: <http://www.addgene.org/78734>

Proper Citation: RRID:Addgene_78734

Insert Name: cytGAP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24501126](#)

Vector Backbone Description: Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: GAP is a fusion of two Aequorea victoria proteins, GFP and apo-aequorin, with a linker in between. The excitation spectrum of GAP maintained the two peaks of wtGFP, at 403 and 470 nm, and it was sensitive to Ca²⁺.

Plasmid Name: pcDNA3.cytGAP

Record Creation Time: 20220422T222518+0000

Record Last Update: 20260902T050231+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.cytGAP.

No alerts have been found for pcDNA3.cytGAP.

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 [dkNET](#) .

Zeng YR, et al. (2023) The immunometabolite itaconate stimulates OXGR1 to promote mucociliary clearance during the pulmonary innate immune response. The Journal of clinical investigation, 133(6).