

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

PA1421_WT_pET21a

RRID:Addgene_29792

Type: Plasmid

Proper Citation

RRID:Addgene_29792

Plasmid Information

URL: <http://www.addgene.org/29792>

Proper Citation: RRID:Addgene_29792

Insert Name: Guanidinobutyrase

Organism: *P. aeruginosa*

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pET21a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This ORF comes from genomic DNA of *P. aeruginosa* PAO1 strain. The ORF shows two mutations V151I and G261S in BLAST results. The mutations may be due to errors in the original genome sequencing.

Plasmid Name: PA1421_WT_pET21a

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074535+0000

Ratings and Alerts

No rating or validation information has been found for PA1421_WT_pET21a.

No alerts have been found for PA1421_WT_pET21a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.