

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

pACYCDuet-1_Ec_rpoZ

RRID:Addgene_128837

Type: Plasmid

Proper Citation

RRID:Addgene_128837

Plasmid Information

URL: <http://www.addgene.org/128837>

Proper Citation: RRID:Addgene_128837

Insert Name: rpoZ

Organism: E. coli

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:23389035](#)

Vector Backbone Description: Backbone Size:3939; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Plasmid Name: pACYCDuet-1_Ec_rpoZ

Record Creation Time: 20220422T221717+0000

Record Last Update: 20260808T080726+0000

Ratings and Alerts

No rating or validation information has been found for pACYCDuet-1_Ec_rpoZ.

No alerts have been found for pACYCDuet-1_Ec_rpoZ.

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 [nidm-terms](#) .

Mueller AU, et al. (2026) Structural basis for multi-subunit DNA-dependent RNA polymerase catalytic activity. *Molecular cell*, 86(10), 1881.

Mueller AU, et al. (2025) Real-time capture of ?N transcription initiation intermediates reveals mechanism of ATPase-driven activation by limited unfolding. *Nature communications*, 16(1), 7138.

Mueller AU, et al. (2025) Real-time capture of ?N transcription initiation intermediates reveals mechanism of ATPase-driven activation by limited unfolding. *bioRxiv : the preprint server for biology*.

Aiyer S, et al. (2024) Overcoming resolution attenuation during tilted cryo-EM data collection. *Nature communications*, 15(1), 389.