

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pCasKP-apr](#)

RRID:Addgene_117231

Type: Plasmid

Proper Citation

RRID:Addgene_117231

Plasmid Information

URL: <http://www.addgene.org/117231>

Proper Citation: RRID:Addgene_117231

Insert Name: Cas9

Organism: Other

Bacterial Resistance: Apramycin

Defining Citation: [PMID:30217854](#)

Vector Backbone Description: Vector Backbone:Unknown; Vector Types:Bacterial Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Apramycin

Plasmid Name: pCasKP-apr

Record Creation Time: 20220422T221614+0000

Record Last Update: 20260815T080251+0000

Ratings and Alerts

No rating or validation information has been found for pCasKP-apr.

No alerts have been found for pCasKP-apr.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kuo SF, et al. (2026) CRISPR-Cas9-mediated elimination of plasmid-borne carbapenemase genes restores ertapenem susceptibility in clinical *Klebsiella pneumoniae* isolates. *Biomedical journal*, 100966.

Yin X, et al. (2026) Stepwise phage resistance and collateral phage susceptibility in *Klebsiella pneumoniae*. *Emerging microbes & infections*, 15(1), 2648890.

Wang Z, et al. (2022) Genome Editing in *Klebsiella pneumoniae* Using CRISPR/Cas9 Technology. *Methods in molecular biology* (Clifton, N.J.), 2479, 105.

Sun L, et al. (2022) CrrAB regulates PagP-mediated glycerophosphoglycerol palmitoylation in the outer membrane of *Klebsiella pneumoniae*. *Journal of lipid research*, 63(9), 100251.

Yang C, et al. (2022) Establishing a *Klebsiella pneumoniae*-Based Cell-Free Protein Synthesis System. *Molecules* (Basel, Switzerland), 27(15).

Cremanns M, et al. (2022) Effect of sigma E on carbapenem resistance in OXA-48-producing *Klebsiella pneumoniae*. *The Journal of antimicrobial chemotherapy*, 77(6), 1578.