

# Resource Summary Report

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

## pDEST-APIC-Cas9

RRID:Addgene\_121657

Type: Plasmid

### Proper Citation

RRID:Addgene\_121657

### Plasmid Information

**URL:** <http://www.addgene.org/121657>

**Proper Citation:** RRID:Addgene\_121657

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:30504366](https://pubmed.ncbi.nlm.nih.gov/30504366/)

**Vector Backbone Description:** Backbone Size:9163; Vector Backbone:pAPIC; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

**Comments:** For more information about the Han Lab Drosophila Transgenic Vectors, please visit: <https://han.wicmb.cornell.edu/han-lab-drosophila-transgenic-vectors/>

**Plasmid Name:** pDEST-APIC-Cas9

**Record Creation Time:** 20220422T221636+0000

**Record Last Update:** 20260815T080336+0000

### Ratings and Alerts

No rating or validation information has been found for pDEST-APIC-Cas9.

No alerts have been found for pDEST-APIC-Cas9.

### 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 [RRID](#) .

Rajamani S, et al. (2025) Mitochondrial-specific perturbation of Drosophila RNase Z in neurons leads to motor impairments, disrupted learning and neurodegeneration. PLoS genetics, 21(11), e1011938.

Chen X, et al. (2023) Tissue-specific knockout in Drosophila neuromuscular system reveals ESCRT's role in formation of synapse-derived extracellular vesicles. bioRxiv : the preprint server for biology.

Migunova E, et al. (2023) Cardiac RNase Z edited via CRISPR-Cas9 drives heart hypertrophy in Drosophila. PloS one, 18(5), e0286214.

Allen SE, et al. (2021) Versatile CRISPR/Cas9-mediated mosaic analysis by gRNA-induced crossing-over for unmodified genomes. PLoS biology, 19(1), e3001061.