

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pET28a-mH6-Cas12i1

RRID:Addgene_120882

Type: Plasmid

Proper Citation

RRID:Addgene_120882

Plasmid Information

URL: <http://www.addgene.org/120882>

Proper Citation: RRID:Addgene_120882

Insert Name: Cas12i1

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30523077](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5349; Vector Backbone:pET-28a+; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Kanamycin

Comments: For more information, please visit us at <https://arbor.bio/>. For commercial use or questions, please contact us at inquiries@arbor.bio. mH6 sequence: ATGAAAATCGAAGAAGGTAAAGGTCACCATCACCATCACCAC

Plasmid Name: pET28a-mH6-Cas12i1

Relevant Mutation: WT

Record Creation Time: 20220422T221632+0000

Record Last Update: 20260815T080330+0000

Ratings and Alerts

No rating or validation information has been found for pET28a-mH6-Cas12i1.

No alerts have been found for pET28a-mH6-Cas12i1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Orosco C, et al. (2026) DNA-guided CRISPR-Cas12 for cellular RNA targeting. Nature biotechnology.

Cofsky JC, et al. (2020) CRISPR-Cas12a exploits R-loop asymmetry to form double-strand breaks. eLife, 9.

Zhang H, et al. (2020) Mechanisms for target recognition and cleavage by the Cas12i RNA-guided endonuclease. Nature structural & molecular biology, 27(11), 1069.