

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pET28a-mH6-Cas12c2

RRID:Addgene_120873

Type: Plasmid

Proper Citation

RRID:Addgene_120873

Plasmid Information

URL: <http://www.addgene.org/120873>

Proper Citation: RRID:Addgene_120873

Insert Name: Cas12c2

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30523077](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5355; 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-Cas12c2

Record Creation Time: 20220422T221632+0000

Record Last Update: 20260815T080330+0000

Ratings and Alerts

No rating or validation information has been found for pET28a-mH6-Cas12c2.

No alerts have been found for pET28a-mH6-Cas12c2.

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](#) .

Boehm D, et al. (2023) The lysine methyltransferase SMYD5 amplifies HIV-1 transcription and is post-transcriptionally upregulated by Tat and USP11. Cell reports, 42(3), 112234.

Boehm D, et al. (2023) A flow cytometry-based assay to investigate HIV-1 expression in SMYD5 shRNA containing primary CD4+ T??cells. STAR protocols, 4(4), 102694.

Kurihara N, et al. (2022) Structure of the type V-C CRISPR-Cas effector enzyme. Molecular cell, 82(10), 1865.