

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

6xHis-MBP-huBfCas12a

RRID:Addgene_174672

Type: Plasmid

Proper Citation

RRID:Addgene_174672

Plasmid Information

URL: <http://www.addgene.org/174672>

Proper Citation: RRID:Addgene_174672

Insert Name: huBfCas12a

Organism: *Butyrivibrio fibrisolvens*

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Scott Gradia Lab; Backbone Size:6462; Vector Backbone:pET; Vector Types:Bacterial Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: The vector is obtained from Scott Gradia Lab (Addgene #29656) while the gene is obtained from Feng Zhang Lab (Addgene #92301) . Read the preprint on medRxiv here: <https://www.medrxiv.org/content/10.1101/2021.07.21.21260653v1>

Plasmid Name: 6xHis-MBP-huBfCas12a

Record Creation Time: 20220422T222010+0000

Record Last Update: 20260815T081042+0000

Ratings and Alerts

No rating or validation information has been found for 6xHis-MBP-huBfCas12a.

No alerts have been found for 6xHis-MBP-huBfCas12a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Nguyen LT, et al. (2024) Harnessing noncanonical crRNAs to improve functionality of Cas12a orthologs. Cell reports, 43(2), 113777.