

Resource Summary Report

Generated by [kravitz2](#) on Sep 1, 2026

6xHis-MBP-huErCas12a

RRID:Addgene_174685

Type: Plasmid

Proper Citation

RRID:Addgene_174685

Plasmid Information

URL: <http://www.addgene.org/174685>

Proper Citation: RRID:Addgene_174685

Insert Name: huErCas12a

Organism: Eubacterium rectale

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 Stephen Ekker Lab (Addgene #132641) . Read the preprint on medRxiv here: <https://www.medrxiv.org/content/10.1101/2021.07.21.21260653v1>

Plasmid Name: 6xHis-MBP-huErCas12a

Relevant Mutation: Q926R mutation is observed as indicated from the lab the gene was obtained, but the mutation does not affect ErCas12a function

Record Creation Time: 20220422T222010+0000

Record Last Update: 20260829T080030+0000

Ratings and Alerts

No rating or validation information has been found for 6xHis-MBP-huErCas12a.

No alerts have been found for 6xHis-MBP-huErCas12a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.