

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

RNase III-His

RRID:Addgene_196903

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/196903>

Proper Citation: RRID:Addgene_196903

Insert Name: "8xHis-tag is attached to the N-terminus of rnc (RNase III) Kanamycin resistant gene is inserted upstream of rnc"

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:37159417](https://pubmed.ncbi.nlm.nih.gov/37159417/)

Vector Backbone Description: Vector Backbone:this is a strain; Vector Types;; Bacterial Resistance:Kanamycin

Comments: Primers: (1)AACGGCTATCTGGATGAGC, (2)CAGTCATAGCCGAATAGCCT, (3)CGGTGCCCTGAATGAACTGC, (4)CGATGAGTTAATGCCTGCTGCA. Expected product size: 842 bp with primer (1) and (2), 1038 bp with primer (3) and (4). RNase III-His is an E. coli strain made for a cell-free expression system. His-tagged RNase III expressed from the rnc gene can be removed using Ni-NTA resin upon the preparation of cell-free extract. A kanamycin resistant gene was inserted upstream of rnc using the ??-Red recombination system. Precuorsor strain is Rosseta 2. Please visit <https://www.biorxiv.org/content/10.1101/2022.07.28.501919v1> for bioRxiv preprint.

Plasmid Name: RNase III-His

Record Creation Time: 20250827T055147+0000

Record Last Update: 20260829T082456+0000

Ratings and Alerts

No rating or validation information has been found for RNase III-His.

No alerts have been found for RNase III-His.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.