

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pET22b RNase A

RRID:Addgene_58903

Type: Plasmid

Proper Citation

RRID:Addgene_58903

Plasmid Information

URL: <http://www.addgene.org/58903>

Proper Citation: RRID:Addgene_58903

Insert Name: RNase A

Organism: Bos taurus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:7479688](#)

Vector Backbone Description: Backbone Marker:EMD Millipore; Backbone Size:5493; Vector Backbone:pET22b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note that the pelB sequence is maintained however there are stop codons incorporated at the end of the gene so the His-Tag is not in frame. The pelB is clipped off and the gene encodes 124 amino acid protein that is expressed/purified from inclusion bodies.

Plasmid Name: pET22b RNase A

Relevant Mutation: See Depositor Comments below

Record Creation Time: 20220422T222340+0000

Record Last Update: 20260815T081719+0000

Ratings and Alerts

No rating or validation information has been found for pET22b RNase A.

No alerts have been found for pET22b RNase A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Elnagar MA, et al. (2022) Homemade plasmid Miniprep solutions for affordable research in low-fund laboratories. AMB Express, 12(1), 137.

Fuller GG, et al. (2020) RNA promotes phase separation of glycolysis enzymes into yeast G bodies in hypoxia. eLife, 9.