

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

## pET21a-AspRS-His

RRID:Addgene\_124106

Type: Plasmid

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### Proper Citation

RRID:Addgene\_124106

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### Plasmid Information

**URL:** <http://www.addgene.org/124106>

**Proper Citation:** RRID:Addgene\_124106

**Insert Name:** Aspartate-tRNA ligase

**Organism:** Escherichia coli

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:11479568](#)

**Vector Backbone Description:** Vector Backbone:pET21a(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Comments:** It is recommended to screen DNA preps from multiple colonies by Sanger sequencing, as this plasmid may be prone to deletions in the promoter region.

**Plasmid Name:** pET21a-AspRS-His

**Record Creation Time:** 20220422T221650+0000

**Record Last Update:** 20260808T080641+0000

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### Ratings and Alerts

No rating or validation information has been found for pET21a-AspRS-His.

No alerts have been found for pET21a-AspRS-His.

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### 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 [PRECISE-TBI](#) .

Yadav S, et al. (2025) ATP Regeneration from Pyruvate in the PURE System. ACS synthetic biology, 14(1), 247.