

# Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

## pQE30-His-T7RNAP

RRID:Addgene\_124138

Type: Plasmid

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### Proper Citation

RRID:Addgene\_124138

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### Plasmid Information

**URL:** <http://www.addgene.org/124138>

**Proper Citation:** RRID:Addgene\_124138

**Insert Name:** T7 RNA polymerase

**Organism:** Enterobacteria phage T7

**Bacterial Resistance:** Ampicillin

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

**Vector Backbone Description:** Vector Backbone:pQE30; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Comments:** This plasmid is provided in NEB Stable cells from Addgene; however, the depositor originally cloned this plasmid in JM109 cells. 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:** pQE30-His-T7RNAP

**Record Creation Time:** 20220422T221651+0000

**Record Last Update:** 20260815T080403+0000

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### Ratings and Alerts

No rating or validation information has been found for pQE30-His-T7RNAP.

No alerts have been found for pQE30-His-T7RNAP.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ansah SO, et al. (2026) Quantifying Mg<sup>2+</sup> dependence on conformational equilibrium in the two-state 7SK RNA stem-loop 3. bioRxiv : the preprint server for biology.

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

van der Sijs A, et al. (2024) Broccoli aptamer allows quantitative transcription regulation studies in vitro. PloS one, 19(6), e0304677.

Sobeh AM, et al. (2023) C-terminal determinants for RNA binding motif 7 protein stability and RNA recognition. Biophysical chemistry, 292, 106928.

Ngo PHT, et al. (2023) Changes in Coding and Efficiency through Modular Modifications to a One Pot PURE System for In Vitro Transcription and Translation. ACS synthetic biology, 12(12), 3771.

Pandi A, et al. (2022) A versatile active learning workflow for optimization of genetic and metabolic networks. Nature communications, 13(1), 3876.