

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

[pH307HP](#)

RRID:Addgene_27385

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/27385>

Proper Citation: RRID:Addgene_27385

Insert Name: post- ligation product of ligase ribozyme

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19965478](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pUC19 modified; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: pH307HP is used to transcribe RNA representing the post- ligation product of the ribozyme. To ensure a homogenous 5' terminus with the 5' - hydroxyl resembling that of the synthetic substrate, the transcript began with a hammerhead (HH) self-cleaving ribozyme, which excises itself from the ribozyme. The relevant sequence of the insert is GCGTAATACGACTCACTATAGGGAGATTCTACTGGACTGATGAGTCCGTGAGGACGAAACGGTACCCGGTACCGTCTCCAGTAGGAACACTATACTACTGGATAATCAAAGACAAATCTGCCCCGAAGGGCTTGAGAACATACCCATTGCACTCCGGGTATGCAGAGGTGGCAGCCTCCGGTGGGTAAAACCCAACGTTCTCAACAATAGTGAGGCCGGCATGGTCCCAGCCTCTCGCTGGCGCCGGCTGGGCAACATTCCGAGGGGACCGTCCCCTCGGTAATGGCGAATGGACCCAC See supplemental data of article for annotation of the sequence. Prior to use as template for in vitro transcription, plasmid was digested with Earl nuclease.

Plasmid Name: pH307HP

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260815T081302+0000

Ratings and Alerts

No rating or validation information has been found for pH307HP.

No alerts have been found for pH307HP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.