Resource Summary Report

Generated by RRID on Aug 22, 2026

pET29b-IPP1-His

RRID:Addgene_124137
Type: Plasmid

Proper Citation

RRID:Addgene_124137

Plasmid Information

URL: http://www.addgene.org/124137

Proper Citation: RRID:Addgene_124137

Insert Name: Inorganic pyrophosphatase

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Kanamycin

Defining Citation: PMID:11479568

Vector Backbone Description: Vector Backbone:pET29b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

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: pET29b-IPP1-His

Record Creation Time: 20220422T221651+0000

Record Last Update: 20260815T080403+0000

Ratings and Alerts

No rating or validation information has been found for pET29b-IPP1-His.

No alerts have been found for pET29b-IPP1-His.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Sullivan MS, et al. (2026) Mechanism of SARS-CoV-2 Nucleocapsid Protein Phosphorylation-Induced Functional Switch. Viruses, 18(1).

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

Tersteeg S, et al. (2022) Purification and characterization of inorganic pyrophosphatase for in vitro RNA transcription. Biochemistry and cell biology = Biochimie et biologie cellulaire, 100(5), 425.