Resource Summary Report

Generated by RRID on Aug 18, 2026

pET His6 LIC cloning vector (2Bc-T)

RRID:Addgene_37236
Type: Plasmid

Proper Citation

RRID:Addgene_37236

Plasmid Information

URL: http://www.addgene.org/37236

Proper Citation: RRID:Addgene_37236

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4776; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is an empty vector. Your gene can be inserted with a LIC cloning protocol. All 2-series vectors work as single-expression vectors, as well as transfer vectors for our polycistronic system. For more details, see the MacroLab vector cloning manual. The LIC cloning site is flanked by 5 pairs of restriction sites, so that your gene can easily be subcloned into our polycistronic destination vectors (2D, 2E, or 2Z). 2Bc-T has a TEV-cleavable C-terminal His6 tag to ease purification. To clone into this vector, add LIC v3 tags to the 5' end of your PCR primers. Forward - 5'TTTAAGAAGGAGATATAGTTC(ATG)3' Reverse - 5'GGATTGGAAGTAGAGGTTCTC3' Linearize the plasmid with HpaI and gel purify. When digesting the DNA with T4 polymerase, use dGTP for insert and dCTP for vector. More information on this vector can be found through http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pET His6 LIC cloning vector (2Bc-T)

Record Creation Time: 20220422T222158+0000

Record Last Update: 20260815T081413+0000

Ratings and Alerts

No rating or validation information has been found for pET His6 LIC cloning vector (2Bc-T).

No alerts have been found for pET His6 LIC cloning vector (2Bc-T).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhang M, et al. (2026) Apical Localization of RNA Polymerases Modulate Transcription Dynamics and Supercoiling Domains Revealed by Cryo-ET. bioRxiv : the preprint server for biology.

Klapstova V, et al. (2026) Distinct mechanisms of recognition of phosphorylated RNAPII C-terminal domain by BRCT repeats of the BRCA1-BARD1 complex. The Journal of biological chemistry, 302(1), 111010.

Yang J, et al. (2025) Insights into the compact CRISPR-Cas9d system. Nature communications, 16(1), 2462.

Yeh YH, et al. (2023) A molecular toolkit for heterologous protein secretion across Bacteroides species. bioRxiv : the preprint server for biology.

Peters CE, et al. (2022) Structure-function analysis of enterovirus protease 2A in complex with its essential host factor SETD3. Nature communications, 13(1), 5282.