Resource Summary Report

Generated by RRID on Aug 26, 2026

pET His6 ProteinG TEV LIC cloning vector (2P-T)

RRID:Addgene_29713
Type: Plasmid

Proper Citation

RRID:Addgene_29713

Plasmid Information

URL: http://www.addgene.org/29713

Proper Citation: RRID:Addgene_29713

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4975; 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. 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). 2P-T has a TEV-cleavable N-terminal His6-Protein G fusion tag. Protein G can improve the expression and solubility of your target protein. To clone into this vector, add LIC v1 tags to the 5' end of your PCR primers. Forward - 5'TACTTCCAATCCAATGCA3' Reverse - 5'TTATCCACTTCCAATGTTATTA3' Linearize the plasmid with SspI and gel purify. When digesting the DNA with T4 polymerase, use dCTP for insert and dGTP for vector. More information on this vector can be found through http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pET His6 ProteinG TEV LIC cloning vector (2P-T)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260815T081320+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Tsuboi S, et al. (2019) Fluorescent, Recombinant-Protein-Conjugated, Near-Infrared-Emitting Quantum Dots for in Vitro and in Vivo Dual-Color Molecular Imaging. Chembiochem : a European journal of chemical biology, 20(4), 568.

Sasaki A, et al. (2015) Recombinant protein (EGFP-Protein G)-coated PbS quantum dots for in vitro and in vivo dual fluorescence (visible and second-NIR) imaging of breast tumors. Nanoscale, 7(12), 5115.