Resource Summary Report

Generated by RRID on Aug 26, 2026

pET His6 GFP TEV LIC cloning vector (1GFP)

RRID:Addgene_29663
Type: Plasmid

Proper Citation

RRID:Addgene_29663

Plasmid Information

URL: http://www.addgene.org/29663

Proper Citation: RRID:Addgene_29663

Insert Name: None

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:6075; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is an empty vector to be used with a LIC cloning protocol. It has a TEV-cleavable His6 fusion tag on its N-terminus. GFP can enhance your protein's expression and solubility. It can also be used as a reporter gene. To clone into this vector, add LIC fusion 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/macrolab/

Plasmid Name: pET His6 GFP TEV LIC cloning vector (1GFP)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260815T081322+0000

Ratings and Alerts

No rating or validation information has been found for pET His6 GFP TEV LIC cloning vector (1GFP).

No alerts have been found for pET His6 GFP TEV LIC cloning vector (1GFP).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Stepanyan V, et al. (2026) HPV Capsid-Derived Cationic Peptides for Cargo Delivery and Antiviral Activity. bioRxiv : the preprint server for biology.

Andhare D, et al. (2025) Reconstitution of autophagic-like membrane tethering reveals that Atg11 can bind and cluster vesicles on cargo mimetics. Autophagy, 1.

Oldani EG, et al. (2025) The effect of G-quadruplexes on TDP43 condensation, distribution, and toxicity. Structure (London, England : 1993), 33(8), 1294.

Aybakan E, et al. (2025) Nicking Activity of M13 Bacteriophage Protein 2. International journal of molecular sciences, 26(2).

Carlson DL, et al. (2024) Targeting Borrelia burgdorferi HtpG with a berserker molecule, a strategy for anti-microbial development. Cell chemical biology, 31(3), 465.

Tran MV, et al. (2024) MAP9/MAPH-9 supports axonemal microtubule doublets and modulates motor movement. Developmental cell, 59(2), 199.

Ramakrishnan N, et al. (2024) Nucleolytic processing of abasic sites underlies PARP inhibitor hypersensitivity in ALC1-deficient BRCA mutant cancer cells. Nature communications, 15(1), 6343.

Lifshits LA, et al. (2024) Nature-inspired peptide of MtDef4 C-terminus tail enables protein delivery in mammalian cells. Scientific reports, 14(1), 4604.

Landeros A, et al. (2023) Nuclear lamin A-associated proteins are required for centromere assembly. bioRxiv : the preprint server for biology.

Hamilton S, et al. (2023) On-chip dielectrophoretic recovery and detection of a lactate sensing probiotic from model human saliva. Electrophoresis, 44(3-4), 442.

Enders L, et al. (2023) Pharmacological perturbation of the phase-separating protein SMNDC1. Nature communications, 14(1), 4504.

Eaton SA, et al. (2022) Structural Basis of Substrate Promiscuity and Catalysis by the Reverse Prenyltransferase N-Dimethylallyl-l-tryptophan Synthase from Fusarium fujikuroi. Biochemistry, 61(18), 2025.

Wolff ID, et al. (2022) Acentrosomal spindle assembly and maintenance in Caenorhabditis elegans oocytes requires a kinesin-12 nonmotor microtubule interaction domain. Molecular biology of the cell, 33(8), ar71.

Walinda E, et al. (2021) Expression, solubility monitoring, and purification of the co-folded LUBAC LTM domain by structure-guided tandem folding in autoinducing cultures. Protein expression and purification, 187, 105953.

Lu S, et al. (2021) The SARS-CoV-2 nucleocapsid phosphoprotein forms mutually exclusive condensates with RNA and the membrane-associated M protein. Nature communications, 12(1), 502.

Ebrahim N, et al. (2021) Bone marrow-derived mesenchymal stem cells combined with gonadotropin therapy restore postnatal oogenesis of chemo-ablated ovaries in rats via enhancing very small embryonic-like stem cells. Stem cell research & therapy, 12(1), 517.

Hambarde S, et al. (2021) EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart. Molecular cell, 81(14), 2989.

Sell MG, et al. (2021) Visualizing Borrelia burgdorferi Infection Using a Small-Molecule Imaging Probe. Journal of clinical microbiology, 59(7), e0231320.

Popelka H, et al. (2021) Membrane Binding and Homodimerization of Atg16 Via Two Distinct Protein Regions is Essential for Autophagy in Yeast. Journal of molecular biology, 433(5), 166809.

Ebrahim N, et al. (2021) Adipose mesenchymal stem cells combined with platelet-rich plasma accelerate diabetic wound healing by modulating the Notch pathway. Stem cell research & therapy, 12(1), 392.