Resource Summary Report

Generated by dkNET on Aug 19, 2026

pFastBac His6 TEV LIC cloning vector (4B)

RRID:Addgene_30115
Type: Plasmid

Proper Citation

RRID:Addgene_30115

Plasmid Information

URL: http://www.addgene.org/30115

Proper Citation: RRID:Addgene_30115

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4812; Vector Backbone:pFastBac; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is a LIC-adapted pFastBac vector. It uses the same PCR primer tags as with most of our other vectors, so one PCR product can be inserted into many different vectors at once. This vector will add a His6-TEV sequence to the N terminus of your protein. Add the following tags to your PCR primers: LicV1 Forward Tag TACTTCCAATCCAATGCA LicV1 Reverse Tag TTATCCACTTCCAATGTTATTA Linearize this plasmid with SspI and gel purify the product, then T4-treat with dGTP. For the PCR product, T4-treat with dCTP. For more information, please see our website: http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pFastBac His6 TEV LIC cloning vector (4B)

Record Creation Time: 20220422T222132+0000

Record Last Update: 20260815T081325+0000

Ratings and Alerts

No rating or validation information has been found for pFastBac His6 TEV LIC cloning vector (4B).

No alerts have been found for pFastBac His6 TEV LIC cloning vector (4B).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Loeff L, et al. (2025) Mechanistic basis for PYROXD1-mediated protection of the human tRNA ligase complex against oxidative inactivation. Nature structural & molecular biology, 32(7), 1205.

Durrant MG, et al. (2024) Bridge RNAs direct programmable recombination of target and donor DNA. Nature, 630(8018), 984.

Durrant MG, et al. (2024) Bridge RNAs direct modular and programmable recombination of target and donor DNA. bioRxiv : the preprint server for biology.

Kroupova A, et al. (2021) Molecular architecture of the human tRNA ligase complex. eLife, 10.

Olson TL, et al. (2021) Protein expression and purification of G-protein coupled receptor kinase 6 (GRK6), toward structure-based drug design and discovery for multiple myeloma. Protein expression and purification, 185, 105890.

Xiong F, et al. (2021) RNA m6A modification orchestrates a LINE-1-host interaction that facilitates retrotransposition and contributes to long gene vulnerability. Cell research, 31(8), 861.

Sharif H, et al. (2021) Dipeptidyl peptidase 9 sets a threshold for CARD8 inflammasome formation by sequestering its active C-terminal fragment. Immunity, 54(7), 1392.

Asanovi?? I, et al. (2021) The oxidoreductase PYROXD1 uses NAD(P)+ as an antioxidant to sustain tRNA ligase activity in pre-tRNA splicing and unfolded protein response. Molecular cell, 81(12), 2520.