Resource Summary Report

Generated by dkNET on Aug 7, 2026

pET MBP mCherry LIC cloning vector (MBP-mCherry)

RRID:Addgene_29747
Type: Plasmid

Proper Citation

RRID:Addgene_29747

Plasmid Information

URL: http://www.addgene.org/29747

Proper Citation: RRID:Addgene_29747

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:7270; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is an empty vector. Your gene can be inserted with a LIC cloning protocol. mCherry has a excitation max of 587 nm and an emission max of 610 nm. A TEV-cleavable MBP will be added to the N-terminal side of your protein to enhance solubility. To clone into this vector, add LIC tags to the 5' end of your PCR primers. Forward - 5'TACTTCCAATCCAATGCA3' Reverse - 5'CTCCCACTACCAATGCC 3' Do NOT include a stop codon with your reverse primer. Linearize the plasmid with SspI, then gel purify. When digesting the DNA with T4 polymerase, use dCTP for the insert and dGTP for your linearized vector. More information on this vector can be found through http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pET MBP mCherry LIC cloning vector (MBP-mCherry)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260801T081120+0000

Ratings and Alerts

No rating or validation information has been found for pET MBP mCherry LIC cloning vector (MBP-mCherry).

No alerts have been found for pET MBP mCherry LIC cloning vector (MBP-mCherry).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Takahashi K, et al. (2026) Horizontal and vertical gene transfer shape the plasmid host range in surface-associated microbial systems. iScience, 29(4), 115299.