Resource Summary Report

Generated by RRID on Aug 21, 2026

pET His6 msfGFP TEV cloning vector with BioBrick polycistronic restriction sites (9GFP)

RRID:Addgene_48287
Type: Plasmid

Proper Citation

RRID:Addgene_48287

Plasmid Information

URL: http://www.addgene.org/48287

Proper Citation: RRID:Addgene_48287

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5497; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is an empty vector to be used with a LIC cloning protocol. It has a TEV cleavable His6-msfGFP fusion tag on the N-terminus. 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 for LIC, use dCTP for insert and dGTP for vector. Series 9 vectors have BioBrick restriction sites to facilitate subcloning reactions to make polycistronic expression vectors. NotI, PacI, AsiSI, and SbfI are the restriction enzyme sites that flank your open reading frame. More information on this vector can be found through http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pET His6 msfGFP TEV cloning vector with BioBrick polycistronic restriction sites (9GFP)

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260815T081549+0000

Ratings and Alerts

No rating or validation information has been found for pET His6 msfGFP TEV cloning vector with BioBrick polycistronic restriction sites (9GFP).

No alerts have been found for pET His6 msfGFP TEV cloning vector with BioBrick polycistronic restriction sites (9GFP).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Gao S, et al. (2024) Structure and mechanism of the human CTDNEP1-NEP1R1 membrane protein phosphatase complex necessary to maintain ER membrane morphology. Proceedings of the National Academy of Sciences of the United States of America, 121(22), e2321167121.

Gao S, et al. (2023) Structure and mechanism of the human CTDNEP1-NEP1R1 membrane protein phosphatase complex necessary to maintain ER membrane morphology. bioRxiv : the preprint server for biology.

London N, et al. (2023) Direct recruitment of Mis18 to interphase spindle pole bodies promotes CENP-A chromatin assembly. Current biology : CB, 33(19), 4187.

Spiller F, et al. (2017) Molecular basis for Cdk1-regulated timing of Mis18 complex assembly and CENP-A deposition. EMBO reports, 18(6), 894.