

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

pET His6 MBP prescission LIC cloning vector (HMPKS)

RRID:Addgene_29721

Type: Plasmid

Proper Citation

RRID:Addgene_29721

Plasmid Information

URL: <http://www.addgene.org/29721>

Proper Citation: RRID:Addgene_29721

Insert Name: None

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:8106; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is an empty vector. Your gene can be inserted with a SLIC cloning protocol. Prescission is a highly specific protease that cleaves LEVLFQ/GP. It is generally more active than TEV protease, and many users have found that when their protein inhibits TEV cleavage, switching to a prescission vector has proved worthwhile. To clone into this vector, add SLIC tags to the 5' end of your PCR primers. Forward - 5'GTGCTGTTCCAGGGTCCGAAT3' Reverse - 5'TGGTGGTGGTGGTGCTCGA(TTA)3' Linearize the plasmid with SspI and XhoI, then gel purify. There is a 1650 bp stuffer sequence that will be visible on a gel. When digesting the DNA with T4 polymerase, use no nucleotides for either your insert or the linearized vector. More information on this vector can be found through <http://qb3.berkeley.edu/qb3/macrolab/>

Plasmid Name: pET His6 MBP prescission LIC cloning vector (HMPKS)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

No rating or validation information has been found for pET His6 MBP prescission LIC cloning vector (HMPKS).

No alerts have been found for pET His6 MBP prescission LIC cloning vector (HMPKS).

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 [dkNET](#) .

Cullati SN, et al. (2024) Substrate displacement of CK1 C-termini regulates kinase specificity. Science advances, 10(19), eadj5185.

Chen JS, et al. (2021) Localization of the ubiquitin ligase Dma1 to the fission yeast contractile ring is modulated by phosphorylation. FEBS letters, 595(22), 2781.

Alameh S, et al. (2020) Anthrax toxin component, Protective Antigen, protects insects from bacterial infections. PLoS pathogens, 16(8), e1008836.

Jones CM, et al. (2018) Relief of the Dma1-mediated checkpoint requires Dma1 autoubiquitination and dynamic localization. Molecular biology of the cell, 29(18), 2176.