

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

pET MBP mOrange LIC cloning vector (MBP-mOrange)

RRID:Addgene_29748

Type: Plasmid

Proper Citation

RRID:Addgene_29748

Plasmid Information

URL: <http://www.addgene.org/29748>

Proper Citation: RRID:Addgene_29748

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. mOrange has a excitation max of 548 nm and an emission max of 562 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 mOrange LIC cloning vector (MBP-mOrange)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.