

Resource Summary Report

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

pET MBP mCerulean LIC cloning vector (MBP-mCerulean)

RRID:Addgene_29751

Type: Plasmid

Proper Citation

RRID:Addgene_29751

Plasmid Information

URL: <http://www.addgene.org/29751>

Proper Citation: RRID:Addgene_29751

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:7276; 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. mCerulean has a excitation max of 435 nm and an emission max of 477 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 mCerulean LIC cloning vector (MBP-mCerulean)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.