

Resource Summary Report

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pET mCerulean LIC cloning vector (u-mCerulean)

RRID:Addgene_29773

Type: Plasmid

Proper Citation

RRID:Addgene_29773

Plasmid Information

URL: <http://www.addgene.org/29773>

Proper Citation: RRID:Addgene_29773

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5481; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is an empty vector. Your gene can be inserted with a LIC cloning protocol. This plasmid can be used as a single-expression vector, and it is also compatible with our 2-series polycistronic destination vectors (2D, 2E, and 2Z), if co-expression with other genes is desired. mCerulean has a excitation max of 435 nm and an emission max of 477 nm. To clone into this vector, add LIC tags to the 5' end of your PCR primers. Forward - 5' TTTAAGAAGGAGATATAGATC3' Reverse - 5' GTTGGAGGATGAGAGGATCCC 3' Do NOT include a stop codon with your reverse primer. Linearize the plasmid with EcoRV, then gel purify. When digesting the DNA with T4 polymerase, use dGTP for the insert and dCTP for your linearized vector. More information on this vector can be found through <http://qb3.berkeley.edu/qb3/macrolab/>

Plasmid Name: pET mCerulean LIC cloning vector (u-mCerulean)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.