

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## BL21?ABCF

RRID:Addgene\_102270

Type: Plasmid

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### Proper Citation

RRID:Addgene\_102270

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### Plasmid Information

**URL:** <http://www.addgene.org/102270>

**Proper Citation:** RRID:Addgene\_102270

**Bacterial Resistance:** Tetracycline

**Defining Citation:** [PMID:29164072](#)

**Vector Backbone Description:** Vector Backbone:none; Vector Types:; Bacterial Resistance:Tetracycline

**Comments:** Genotype = ?ompA ?ompC ?ompF ?lamB Precursor strain = BL21Gold(DE3) [genotype F- ompT hsdS(rB- mB- ) dcm+ Tetr gal ?(DE3) endA Hte] Supplemental document contains a list of genotypes and PCR primers used for verification of each knocked-out gene. Due to the strain's growth defect and potential for contamination, Addgene recommends streaking for single colonies from the stab on low salt LB containing tetracycline and then screening colonies by PCR using the Leo Lab's recommended primers to confirm the strain.

**Plasmid Name:** BL21?ABCF

**Record Creation Time:** 20220422T221455+0000

**Record Last Update:** 20260815T080023+0000

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### Ratings and Alerts

No rating or validation information has been found for BL21?ABCF.

No alerts have been found for BL21?ABCF.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Fowler BD, et al. (2022) Human Monoclonal Antibodies to Escherichia coli Outer Membrane Protein A Porin Domain Cause Aggregation but Do Not Alter In Vivo Bacterial Burdens in a Murine Sepsis Model. *Infection and immunity*, 90(6), e0017622.

Atanaskovic I, et al. (2020) Targeted Killing of Pseudomonas aeruginosa by Pyocin G Occurs via the Hemin Transporter Hur. *Journal of molecular biology*, 432(13), 3869.

Saragliadis A, et al. (2018) Producing Gene Deletions in Escherichia coli by P1 Transduction with Excisable Antibiotic Resistance Cassettes. *Journal of visualized experiments : JoVE*(139).