pUCP19 in *Escherichia coli* DH5alphaF'

87110™

Description

Clone type: Vector
Host: *Pseudomonas aeruginosa* PAO1-LAC (ATCC 47085); *Pseudomonas aeruginosa* PA103-LAC (ATCC 47086)
Host range:
Broad host range; *Pseudomonas aeruginosa*; *Escherichia coli*

Host requirements:
E. coli lacIq
E. coli lacZdeltaM15 for recombinant screening
P. aeruginosa lacIq
P. aeruginosa lacZdeltaM15 for recombinant screening

Suggested hosts:
Pseudomonas aeruginosa PAO1-LAC (ATCC 47085)
Pseudomonas aeruginosa PA103-LAC (ATCC 47086)
Shipping information: *Escherichia coli* DH5αF containing the plasmid

Storage Conditions

Product format: Frozen
Storage conditions: -80°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Vector Information

Construct size (kb): 4.5
Vector name: pUCP19 (plasmid)
Type of vector: plasmid
Construction: pUC19, pRO1614
Coding sequence: lacZalpha
Markers: CbR; ampR
MCS: EcoRI...HindIII
Promoters: Expression: lac
Replicon: bhr (rep pRO1600); pMB1

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Handling Procedures

Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 µL to a test tube containing 5 mL LB+50 µg/mL of ampicillin. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pUCP19 in *Escherichia coli* DH5alphaF' (ATCC 87110)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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