



Product Sheet

pUK21-NotI (ATCC® 87800™)

Please read this FIRST



Intended Use

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: pUK21-NotI (ATCC® 87800™)

Description

Designation: pUK21-NotI

Distribution Host: *Escherichia coli* HB101

Propagation

1. Open vial according to instructions.
2. 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+ kanamycin (25 µg/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37°C.
3. Isolate DNA using standard plasmid preparation procedures.

Growth Conditions

Temperature: 37°C

Medium

ATCC® Medium 1236: LB Medium (ATCC medium 1065) with 25 mcg/ml kanamycin

Vector Information

Intact vector size: 3.250

Type of vector: plasmid

Cloning sites: StuI XhoI HindIII BsiWI PstI Sall PmeI SacI EcoRI SfiI XbaI

Polylinker sites: SpeI StuI XhoI EcoRV NotI PvuII HindIII BsiWI PstI Sall PmeI SacI EcoRV SpeI SfiI NotI XbaI SpeI ClaI

Construction: pUC21 and pFA6b

Features (with orientation and position when available):

Vector: pUK21-NotI (plasmid)

Construction: pUC21 and pFA6b

Marker(s): kanR

Construct size (kb): 3.25

References

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

Notes

Restriction digests of the clone give the following sizes (kb): EcoRV--3.25;

XbaI--3.25; PvuI--2.0, 1.25.

- ATCC staff

This plasmid is derived from pUC21 by deletion of the BamHI-BglII fragment and insertion of the NotI polylinker fragment from pFA6b.

- personal communication

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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