ATCC

Product Sheet

YCp50-poly (ATCC® 87555™)

Please read this FIRST

Storage Temp.
Store unopened vial 4^0 C.

Biosafety Level
1

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: YCp50-poly (ATCC® 87555™)

Shipping Information

Freeze dried *E. coli* containing the plasmid.

Description

A YC-type shuttle vector. YCp50-poly was constructed in two steps: (1) YCp50 (ATCC# 37419) was cleaved with XhoI and Asp718, blunted and ligated. (2) This construct was then clewith EcoRI and SalI, and the EcoRI-PvuII fragment of pUC19 was inserted.
Designation: YCp50-poly

Propagation

Medium
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Growth Conditions
Temperature: 37.0°C

Propagation Procedure
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 *u*L to a test tube containing 5 mL of LB+ampicillin (50-100 ug/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37^0 C. 3. Isolate DNA using standard plasmid preparation procedures..

Vector Information

Size (kb): 7.0560002326965330
Vector: YCp50-poly (plasmid)
Construction: YCp50, pUC19 polylinker
Marker(s):URA3,ampR
Construct size (kb): 7.056000232696533
Features: marker(s): URA3
marker(s): ampR
replicon: ARS1
replicon: pMB1
MCS: EcoRI...HindIII
centromere: CEN4

References

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

Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRI 7.2; SmaI 5.1, 2.1 ; PstI 3.3, 1.8, 1.1, 0.9.
ATCC Staff

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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

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While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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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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