ATCC

Product Sheet

pJM128 plasmid in *E. coli* (ATCC® 59904™)

Escherichia coli

Please read this FIRST

Storage Temp.
Store unopened frozen vial at -80°C or lower.

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: Escherichia coli (ATCC® 59904™)

Shipping Information

Frozen glycerol stock of *E. coli* containing the plasmid

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

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

Or contact your local distributor

Description

This is a subclone of λ285-1225 (the central 2.55 kb HindIII fragment) and contains 15 repeat monomers. The insert is from the human chromosome 8 cen region. It contains RsaI (5), PstI (1) and XbaI (1) sites.
Designation: pJM128 plasmid in *E. coli*

Notes

Restriction digests of the clone gave the following sizes (in kb): HindIII - 4.3, 2.5 ; PstI - 4.0, 2.9 ; XbaI - 6.3, 0.66 ; XbaI/HindIII - 4.3, 1.4, 0.66 ; XbaI/PstI - 4.0, 2.2, 0.66.
-ATCC Staff

Distributed In

Escherichia coli DB1257

Insert Information

Insert size (kb): 2.55
Gene symbol: D8Z2
HGML probe ID: p03155
DNA: genomic DNA
Gene product: Alphoid repeat
Source: Human chromosome 8 cen

Vector Information

Total size of construct (kb): 6.95
Marker: ampR
Vector: pBR322
Vector type: plasmid
Vector size (kb): 4.4
Markers: ampR

Propagation

1. Thaw contents of the vial in a 37°C water bath with gentle agitation.
2. Transfer a loopful to a test tube containing 5 mL LB+50 µg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate.
3. Incubate cultures at 37°C.
4. Isolate DNA using standard plasmid preparation procedures.

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

References

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

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

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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

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

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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