pJM128 plasmid in *E. coli*

59904™

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.

Organism: *Escherichia coli* (Migula) Castellani and Chalmers
Clone type: Clone
Host: *Escherichia coli* DB1257
Shipping information: *Escherichia coli* containing the plasmid in glycerol stock

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

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies

and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

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

Insert Information

Insert size (kb): 2.5499999999999998
Insert information:
HGML probe ID: p03155
Gene product: Alphoid repeat
Gene symbol: D8Z2

Vector Information

Construct size (kb): 6.95
Intact vector size: 4.4
Vector name: pBR322
Type of vector: plasmid
Markers: ampR

Growth Conditions

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

Handling Procedures

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.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pJM128 plasmid in *E. coli* (ATCC 59904)

References

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

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