Product Information Sheet for ATCC® 59904™

ATCC® Catalog No. 59904 ™

Designation: pJM128 plasmid in *E. coli*

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.

Depositor: Timothy Donlon, Clinical Cytogenetics Unit, Stanford University Hospital, Stanford, CA

Total size of construct (kb) : 6.95
Marker : ampR

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:
Vector: pBR322
Vector type : plasmid
Vector size (kb) : 4.4
Markers: ampR

Distribution host : *Escherichia coli* DB1257

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

Propagation:
Thaw contents of the vial in a 37°C water bath with gentle agitation. Transfer a loopful to a test tube containing 5 mL LB+50μg/ml of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37^0 C. Isolate DNA using standard plasmid preparation procedures.

Conditions: Store unopened frozen vial at -80^0 C or lower.

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

References:
Am. J. Hum. Genet. 39:A196, 1986.

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.

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