



pEW403 [LEW403]

61468™

Description

Clone type: Clone

Host: *Escherichia coli* JM83 (ATCC 35607)

Shipping information: *Escherichia coli* JM83 containing the plasmid

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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): 4.5999999999999996

Type of DNA: genomic

Insert information:

Genomic copy number: unique

Cross references:

Restriction enzyme: MspI

Genome: *Homo sapiens*

Chromosome: 17

17 p12-p11.2

Gene name: DNA Segment, single copy

Gene symbol: D17S63

Alleles: A2, A1

Contains complete coding sequence: Unknown

Insert end: EcoRI

Vector Information

Construct size (kb): 7.30

Intact vector size: 2.700

Vector name: pUC8

Type of vector: plasmid

Construction: pBR322, *Escherichia coli* lacZalpha, M13mp8

Vector end: EcoRI

Cloning sites: EcoRI; SmaI; XmaI; BamHI; Sall; Accl; HincII; PstI; HindIII

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Polylinker sites: EcoRI; SmaI; XmaI; BamHI; Sall; Accl; HincII; PstI; HindIII

Promoters: lac

Replicon: pMB1

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Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--4.9, 2.7; HindIII--5.2, 2.2; BamHI--3.0, 2.5, 2.2; SmaI--7.7; Sall--7.0.

This probe contains repetitive sequences.

This probe may hybridize to a non 17-specific human fragment, but the polymorphism is linked to 17-specific markers.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pEW403 [LEW403] (ATCC 61468)

References

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

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