



# pEW403 [LEW403] 61468™

## Description

**Clone type:** Clone

**Host:** *Escherichia coli* JM83 (ATCC 35607)

**Shipping information:** *Escherichia coli* JM83 containing the plasmid

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## 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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### 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

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### 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

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## 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.

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## Material Citation

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

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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