



PCS3 Plasmid in *Escherichia coli*

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Description

Host: *Escherichia coli* MM294

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Patent number:

4,677,064

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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Product format: Freeze-dried

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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.

Vector Information

Construct size (kb): 0.0

Vector name: pCS3 (plasmid)

Construction: pEW27, pOP9

Markers: ampR; tetR

Replicon: ColE1

Growth Conditions

Medium:

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

Temperature: 28°C

Notes

Gives high copy number at high temperature. This should NOT be grown over 30C; it is best between 28-30C. This contains the replication origin for high copy

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number at high temperature of pEW27 (ATCC 37124). pOP9 was constructed by cloning the EcoRI/PvuII fragment containing the origin of pOP6 into pBR322.

- unknown

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PCS3 Plasmid in *Escherichia coli* (ATCC 39142)

References

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

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Product Sheet

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Revision

This information on this document was last updated on 2025-05-05

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