



MT CHI 4/4269 Plasmid in *Escherichia coli*

39395™

Description

Clone type: Vector

Host: *Escherichia coli* LE392

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Patent number:

4,670,399

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Product format: Freeze-dried

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BSL 1

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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): 12.5

Vector name: pMTchi4/4269 (plasmid)

Construction: MTX5, Ti promoter

Markers: LEU2; ampR

Promoters: Ti

Replicon: pMB1; 2 micron

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

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Restriction digests of the clone give the following sizes (kb): HindIII--12.5; PvuII--10.5, 2.45; BamHI--12.5.

- ATCC staff

An episomal *Saccharomyces cerevisiae*/*Escherichia coli* shuttle vector. A 480 bp HindIII/Sau3AI fragment from pTiA6 was isolated, the Sau3AI site changed to BamHI, and the ends filled. HindIII linkers were added and it was cloned into the HindIII site of MTX4 (ATCC 39276).

- U.S. Pat. 4,670,399 dated June 2, 1987

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: MT CHI 4/4269 Plasmid in *Escherichia coli* (ATCC 39395)

References

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

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