



Escherichia coli SA431

39625™

Description

Organism: *Escherichia coli* (Migula) Castellani and Chalmers

Clone type: Host

Genotype: F- uvrB chlD lambda bio10 cl857 O/P-d Q-J

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Patent number:

4,774,182

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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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.

Growth Conditions

Medium:

ATCC Medium 1065: LB Agar/Broth, Miller

Temperature: 30°C

Notes

An Escherichia coli K-12 bio+ strain, immune to lambda, surviving cultivation at 42C, sensitive to lambda imm434 at 30C but immune at 42C.

- personal communication

An Escherichia coli lambda lysogen that continuously produces defective O and P genes above 39C. Derived from SA431 which contains lambda deleted for genes O S R A J attR on the right and cl857 on the left.

- U.S. Pat. 4,774,182 dated Sept. 27, 1988

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Escherichia coli* SA431 (ATCC 39625)

References

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

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