ATCC

Product Sheet

Methylocella palustris (ATCC® 700799™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Methylocella palustris* (ATCC® 700799™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: K
Deposited Name: *Methylocella palustris* Dedysh et al.
Product Description: Type strain

Propagation

Medium
ATCC® Medium 2157: Methylocella medium

Growth Conditions
Temperature: 20°C
Atmosphere: Under a gas mixture of 50% air, 50% methane. With 0.1% methanol added to the medium: Aerobic (*see notes*)

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of broth, aseptically transfer 0.5 mL to the vial and rehydrate the pellet.
3. Aseptically transfer this aliquot back to the broth tube and mix well. Transfer 0.1 mL to slants and 0.1 mL onto a #2157 plate.
4. Incubate the culture at 20°C for 1 week (*see notes*).
5. Growth is detected on plates in 7 to 14 days. Little or no growth is detected in broth.

Notes

When using Medium #2157 without methanol, incubate under use a gas 50% methane and 50% air. The culture should be fed every 5 to 7 days with the methane/air mixture. If using Medium #2157 with 1% methanol added, no special gas is required for growth.
Microscopic examination shows the cells to be non-motile, straight, curved rods.
This strain is able to utilize either methane or methanol.
Best growth is obtained on plates, little or no growth in broth.
Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While

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reasonable effort is made to ensure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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