



# ***Prosthecobacter debontii*** **Hedlund et al.**

**700200™**

## **Description**

**Strain designation:** FC3

**Deposited As:** *Prosthecobacter debontii* Hedlund et al.

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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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.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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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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## Growth Conditions

**Medium:****ATCC Medium 2254: MMB medium****Temperature:** 26°C**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of the recommended broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth. Additional tubes may be inoculated with 0.5 ml each from the suspension. 0.1 ml may also be inoculated onto a slant and a plate.

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4. Incubate tubes under an anaerobic atmosphere at 26°C.
  5. Growth should be evident by turbidity in the broth after 5 days. Longer incubation is necessary for colony formation on plates.
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## Notes

Colonies are small, smooth, entire, and convex. As culture ages, the colonies turn yellow in color and grow into the agar. Microscopic observation shows crescent shaped cells, singly and in pairs with prostheca at the ends.

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Prosthecobacter debontii* Hedlund et al. (ATCC 700200)

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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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