



Product Sheet

Teredinibacter turnerae (ATCC® 39867™)

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: *Teredinibacter turnerae* (ATCC® 39867™)

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: T7901

Deposited Name: *Teredinobacter turnerae* Distel et al. 2002, sp. nov.

Propagation

Medium

ATCC® Medium 1983: *Teredinobacter* medium

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #1983 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #1983 plate and/or #1983 agar slant.
4. Incubate at 30°C for 48-72 hours.

Notes

Deposited as type strain.

Colonies on #1983 are pinpoint and difficult to observe due to the color of the agar; microscopic evaluation is recommended. The broth does not become turbid when growth occurs; microscopic observation is required. Cells are highly motile and may be difficult to observe.

This culture was originally deposited as Strain T7902. Comparison of 10 kb of contiguous sequence including the 3' end of the 23S rRNA, the 23S-5S spacer, the 5S rRNA and 12 subsequent contiguous open reading frames from ATCC® 39867™ with the genome sequence determined for Strain T7901 obtained from the original stock in the Waterbury collection revealed identical sequence alignment. However, ATCC® 39867™ differed by ~6% in nucleotide sequence from T7902 over 8kb of homologous protein coding sequence from the same genome region. Further, comparison of the ribotype patterns from ATCC® 39867™ and the original stocks of T7901 and T7902 from the Waterbury collection demonstrated that ATCC® 39867™ matched the T7901 pattern and differed from T7902. (Personal communication Daniel L. Distel, Ph.D. Executive Director, Ocean Genome Legacy, April 2009)

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

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Disclaimers

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



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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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