



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**

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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](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** T7901

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

## Propagation

### Medium

ATCC® Medium 1983: *Teredinibacter* medium

### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open thawed vial according to enclosed instructions or visit [www.atcc.org](http://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](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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.



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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](http://www.atcc.org)

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

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