ATCC

Product Sheet

# *Thiomicrospira kuenenii* (ATCC® 700877™)

**Please read this FIRST**

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: *Thiomicrospira kuenenii* (ATCC® 700877™)

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:** JB-A1 [DSM 12350]
**Deposited Name:** *Thiomicrospira kuenenii* Brinkhoff et al.

## Propagation

**Medium**
ATCC® Medium 1036: Thiomicrospira medium

**Growth Conditions**
**Temperature:** 26.0°C
**Atmosphere:** Aerobic

**Propagation Procedure**
1. Open vial according to enclosed instructions.
2. 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 broth tubes may be inoculated with 0.5 ml each from the suspension. A slant and a plate of the recommended medium may be inoculated with 0.2 ml each. A plate of non-selective medium such as nutrient agar may be streaked to check for aerobic contamination.
4. Incubate tubes and plates under aerobic conditions at 26ºC.
5. In 5 to 7 days, growth should be evident when the culture is examined by phase microscopy. The broth culture does not exhibit any turbidity. This culture does not grow well on agar.

## Notes

For best growth use freshly prepared media. The incubation time can be decreased to three or four days by incubating this culture at 26ºC with shaking. Cells appear as very small, highly motile bent rods that occur as single cells or in pairs.

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

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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

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