



Product Sheet

# *Thermosporothrix* *hazakensis* (ATCC® BAA- 1881™)

Please read this **FIRST**



## 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: *Thermosporothrix hazakensis* (ATCC® BAA-1881™)

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## Description

**Designation:** SK20-1

**Deposited Name:** *Hazakaia composti*

## Propagation

### Medium

ATCC® Medium 1877: ISP Medium 1

ATCC® Medium 196: Yeast malt extract agar

### Growth Conditions

**Temperature:** 50°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate an additional broth, #196 agar slant, and/or plate.
5. Incubate the tubes and plate at 50°C for 2-4 days.

## Notes

After 48 to 96 hours of incubation, colonies on #196 agar are pale gold to off white, spread with a smooth center, filamentous edges, aerial mycelium, and substrate growth with no color. The cell morphology is flexuous and branched with no motility. This organism stains gram positive.

*Hazakaia composti* is a new genus species isolated from compost. It is listed in Genbank as *Ktenonobacteria bacterium* SK20-1.

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.

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