**Designation:** IFAM 1439 [DSM 4136]

**Deposited Name:** Verrucomicrobium spinosum Schlesner

**Medium**

ATCC® Medium 1661: M13 Verrucomicrobium medium

**Growth Conditions**

**Temperature:** 30.0°C

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #1661 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or glass pipet. Rehydrate the pellet.
3. Transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.
5. Incubate all tubes and plate at 30°C for 72 to 96 hours.

**Growth will develop in 3 to 4 days. Colonies are small (some variation in size may be noted), entire, glistening, and smooth. Broth will be turbid. Cells under phase microscopy display numerous conical prosthecae which give the cells a warty appearance. Fimbriae extrude from the tips of these prosthecae. Cells are non-motile.**

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

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Product Sheet

**Verrucomicrobium spinosum (ATCC® 43997™)**

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: *Verrucomicrobium spinosum (ATCC® 43997™)*