



# ***Streptomyces filamentosus* Okami and Umezawa**

**19753™**

## **Description**

**Strain designation:** ISP 5022 [1-C-9, CBS 492.68, IFO 12767, RIA 1034]

**Deposited As:** *Streptomyces filamentosus* Okami and Umezawa

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 1**

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 0196: Yeast malt extract medium ISP #2

**Temperature:** 26°C

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Streptomyces filamentosus* Okami and Umezawa (ATCC 19753)

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## References

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

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## Revision

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## Contact Information

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***Streptomyces filamentosus* Okami and Umezawa**  
19753

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