Description

Designation: A21978.6 [NRRL 11379]
Deposited Name: Streptomyces roseosporus Falcao de Morais and Dalia Maia
Product Description: Formerly known as Streptomyces filamentosus.

Propagation

Medium
ATCC® Medium 1877: ISP Medium 1
ATCC® Medium 196: Yeast malt extract agar

Growth Conditions
Temperature: 26°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #1877 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1877 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 #196 plate and/or #196 agar slant.
4. Incubate at 26°C for 4 - 16 days.
5. After 4-16 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate for another 4-16 days under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

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

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: Streptomyces sp. (ATCC® 31568™)

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