Streptomyces fungicidicus Okami et al.

27432™

Description

Strain designation: ISP 5020 [560-A2, CBS 641.72, IFO 13340, NIHJ 265, RIA 1301]
Deposited As: *Streptomyces fungicidicus* Okami et al.
Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Temperature: 26°C

Handling Procedures

1. Open vial according to enclosed instructions.

2. From a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.6 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the pellet.

3. Use 0.5ml of this suspension to inoculate a #196 slant and 0.1ml to inoculate #196 plates.

4. Incubate tubes and plates at 26ºC, under aerobic conditions, for 7 to 14 days.

5. After 7 to 14 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 7 to 14 days under aerobic conditions.

This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

This strain has no aerial mycelia. The substrate mycelia is light brown. The colonies have irregular edges and a branched look to the center of them.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Streptomyces fungicidicus* Okami et al. (ATCC 27432)

References

References and other information relating to this material are available at www.atcc.org.

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