



Streptomyces griseus subsp. *griseus* (Krainsky) Waksman and Henrici

11009™

Description

Strain designation: MD 2428 [ATCC 23882, CBS 662.68, IFO 12841, ISP 5226, RIA 1168]

Deposited As: *Streptomyces argenteolus* Tresner et al.

Type strain: Yes

Patent depository: This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

Patent number:

4,438,201

Technical information: ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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.



Biosafety Level 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.

Certificate of Analysis

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

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Growth Conditions

Medium:

ATCC Medium 0196: Yeast malt extract medium ISP #2

Temperature: 26°C

Handling Procedures

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 a #196 agar slant and/or plate.**
 5. Incubate the tubes and plate at 26°C for 7 to 10 days.
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Notes

Colonies on #196 agar are round or clover-shaped. The substrate mycelia are black and aerial mycelia are mostly charcoal gray intermixed with some white aerial mycelia. The gray aerial mycelia form shapes that look like mountains but they have two types of outer growth: one that looks like many trees growing on the mountain and the one that looks much more smooth. The white aerial mycelia look like fluffy cotton balls.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the

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material in the following manner: *Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman and Henrici (ATCC 11009)

References

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

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Product Sheet

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