



Streptomyces alboniger Porter et al.

12461™

Description

Type strain

Strain designation: P-638 [ATCC 19722, Boots 1365, CBS 461.68, IFO 12738, ISP 5043, NIHJ 401, PSA 151, RIA 1003]

Deposited As: *Streptomyces alboniger* Porter et al.

Type strain: Yes

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Patent number:

2,763,642

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

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any

***Streptomyces alboniger* Porter et al.**

12461

animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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.

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

***Streptomyces alboniger* Porter et al.**

12461

Medium:

ATCC Medium 1877: ISP Medium 1

Temperature: 26°C

Atmosphere: Aerobic

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 1 to 2 weeks.
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Notes

Aerial mycelium is white and scant at 10-14 days. Substrate is yellowish-brown.

This strain is cited to produce puromycin and pamamycin (2-5).

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 material in the following manner: *Streptomyces alboniger* Porter et al. (ATCC 12461)

References

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

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12461

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