



Streptomyces nodosus Trejo

14899™

Description

Streptomyces nodosus strain SC 2388 is a whole-genome sequenced bacterial type strain that was isolated in Venezuela from soil from the Orinoco River. This strain produces amphotericin A.

Strain designation: SC 2388 [ATCC 23942, CBS 926.68, IFO 12895, IMRU 3694, ISP 5109, M 4575, RIA 1123]

Deposited As: *Streptomyces nodosus* Trejo

Type strain: Yes

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Patent number:

2,908,611

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 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 submerged 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 submerged 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

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Medium:

ATCC Medium 1877: ISP Medium 1

ATCC Medium 0196: Yeast malt extract medium ISP #2

Temperature: 26°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial.
 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 days.
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Notes

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 nodosus* Trejo (ATCC 14899)

References

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

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Revision

This information on this document was last updated on 2023-04-29

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Product Sheet

Email: tech@atcc.org or contact your local distributor
