Saccharopolyspora erythraea (Waksman) Labeda

11635™

Description

Saccharopolyspora erythraea strain M5-12259 is a bacterial type strain isolated from soil in the Philippines. This strain is whole-genome sequenced and is known to produce erythromycin.

Strain designation: M5-12259 [Boots 903, CBS 727.72, ETH 14307, ETH 28344, ETH 28360, ETH 28391, HUT 6087, IAM 0045, IFO 13426, IMRU 3737, ISP 5517, MA-1625, NCIB 8594, NRRL 2338, RIA 1387]

Deposited As: *Streptomyces erythraeus* (Waksman) Waksman and Henrici

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:

5,192,671

Technical information: ATCC Product Experience 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

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.

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Growth Conditions

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 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 7-14 days.

Notes

For maximum sporulation, 21-28 days of incubation are required.
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: *Saccharopolyspora erythraea* (Waksman) Labeda (ATCC 11635)

References

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

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