Sphingomonas suberifaciens (van Bruggen et al.) Yabuuchi et al.

49355™

Description

Strain designation: CR-CA1 [CA1, IFO 15211, JCM 8521, NCPPB 3629]
Deposited As: *Rhizomonas suberifaciens* van Bruggen 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.

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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

Medium:
ATCC Medium 1700: Rhizomonas medium
Temperature: 28°C

Handling Procedures

1. Open vial according to enclosed instructions.

3. Transfer this aliquot back into the broth tube. Mix well.

4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.

5. Incubate broth tubes at 28ºC with shaking for 4 days. Incubate solid medium at 28ºC for the same period.

Notes

Cells are arranged in strings and in clumps of several cells. Colonies are circular, predominately pulvinate with some umbonate in appearance, compact, with entire margin. Growth in broth medium is flocculent. Strain does not grow on Hugh and Leifsons Oxidative-Fermentative Medium, which contains peptone.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Sphingomonas suberifaciens* (van Bruggen et al.) Yabuuchi et al. (ATCC 49355)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

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