



Psychroserpens burtonensis Bowman et al.

700359™

Description

Strain designation: ACAM 188

Deposited As: *Psychroserpens burtonensis* Bowman 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.

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 2: Marine agar 2216 or marine broth 2216

Temperature: 15°C

Atmosphere: Aerobic

Handling Procedures

1. Pre-chill all media by placing at 4°C for 30 minutes.
2. Open the vial according to enclosed instructions.
3. From a tube of #2 broth (5 to 6 ml), withdraw approximately 0.5 with a sterile pipette; add this medium to the vial to rehydrate the pellet.

4. Aseptically transfer the contents of the vial into the broth tube. Mix well.
 5. Incubate tube at 15°C for 48 to 72 hours. Growth on solid medium will require additional incubation and may be sparse.
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Notes

This strain is TEMPERATURE SENSITIVE and chilled media is recommended. The culture will not grow above 20°C. Growth on Marine Agar plates takes up to a week. The colonies that form appear circular, entire, glistening and mucoid with an opaque bright orange pigment. 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: *Psychroserpens burtonensis* Bowman et al. (ATCC 700359)

References

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

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