



Polaribacter irgensii Gosink et al.

700398™

Description

Type strain

Strain designation: 23-P

Deposited As: *Polaribacter irgensii* Gosink et al.

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 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

Medium:

ATCC Medium 2: Marine agar 2216 or marine broth 2216

Temperature: 4°C

Atmosphere: Aerobic

Handling Procedures

1. **Pre chill all media to 4°C. All work must be done on ice or in a walk in cold room. This organism is very, very temperature sensitive.**
2. Open vial according to enclosed instructions.
3. Using a single tube of #2 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the pellet.
4. Aseptically transfer this aliquot back into the broth tube. Mix well.

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5. Use several drops of the suspension to inoculate a #2 slant, and/or plate
 6. Incubate the tubes and plate at the recommended temperature for 14 to 30 days.
 7. After growth has been achieved, additional transfers may be made or cells prepared for storage. To avoid frequent transfers, it is recommended that cells be frozen with a suitable cryoprotectant.
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Notes

Colonies are bright orange in color, circular, entire, glistening smooth and raised with a mucoid appearance developing as the colonies age.

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: *Polaribacter irgensii* Gosink et al. (ATCC 700398)

References

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

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