Halorubrum hochsteinianum Vreeland et al.

700873™

Description

This halophilic archaeon was isolated from a salt mine in Jefferson Island, Louisiana.
Strain designation: 1-13-28
Deposited As: *Halorubrum hochstenium*
Type strain: Yes

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.

Growth Conditions

Medium:
ATCC Medium 2168: Halomonas medium with elevated NaCl
Temperature: 37°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial.
2. Using a single tube of #2168 broth (5ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur pipette and rehydrate the freeze-dried pellet.
3. Withdraw 0.5 ml of the re-hydrated freeze-dried pellet and inoculate a second tube of #2168 broth.

4. Incubate the test tubes at 37°C.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Halorubrum hochsteinianum* Vreeland et al. (ATCC 700873)

References

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

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