



Halorubrum sodomense (Oren) McGenity and Grant

33755™

Description

Halorubrum sodomense strain RD-26 is a halophilic archaeon that was isolated from the Dead Sea. This strain is cited to produce bacteriorhodopsin, glucoamylase, and thermophilic extracellular amyloglucosidase.

Strain designation: RD-26 [DSM 3755, IFO 14740, NCMB 2197]

Deposited As: *Halobacterium sodomense* Oren

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 1218: Halobacterium starch medium

Temperature: 37°C

Atmosphere: Aerobic

Handling Procedures

1. Open thawed vial.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #1218 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 #1218 plate and/or #1218 agar slant.
4. Incubate at 37°C for up to 2 weeks.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Halorubrum sodomense* (Oren) McGenity and Grant (ATCC 33755)

References

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

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