ATCC

Product Sheet

Crypthecodinium cohnii (ATCC® 50058™)

Please read this FIRST

Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Crypthecodinium cohnii* (ATCC® 50058™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain Designation: CHT1
Deposited Name: *Crypthecodinium cohnii* (Seligo) Javornicky
Depositor: CA Beam, M Himes
Isolation:
Thalassia sp., Coral Harbor, St. John, U.S. Virgin Islands, 1979.

Propagation

Growth Conditions
Temperature: 25.0°C
Duration: axenic
Protocol: ATCCNO: 30021 SPEC: This culture is routinely shipped as a frozen stabilate. Thaw the ampule and aseptically transfer the material to 5 ml of ATCC medium 460 in a 16 x 125 mm screw-capped test tube. Do not distribute the thawed material to a larger volume of medium. It is essential to first establish the culture in a small volume. Screw cap on tightly, loosen one half turn, and incubate culture upright at 25C. The culture should be ready to subculture in approximately 7 days. To subculture, screw the cap on tightly, invert the culture 5 times and aseptically transfer a 0.1 ml aliquot to 5 ml of ATCC medium 460 and incubate as above. Prepare two subcultures weekly. Retain all cultures for up to one month to ensure against loss.

Medium
Medium 460: A2E6 medium

Culture Maintenance
This culture is routinely shipped as a frozen stabilate. Thaw the ampule (see the procedure below under the heading FROZEN MATERIAL) and aseptically transfer the material to 5 ml of ATCC medium 460 in a 16 x 125 mm screw-capped test tube. DO NOT distribute the thawed material to a larger volume of medium. It is essential to first establish the culture in a small volume. Screw cap on tightly, loosen one half turn, and incubate culture upright at 25C. The culture should be ready to subculture in approximately 7 days. To subculture screw the cap on tightly, invert the culture 5 times and aseptically transfer a 0.1 ml aliquot to 5 ml of ATCC medium 460 and incubate as above. Prepare two subcultures weekly. Retain all cultures for up to one month to ensure against loss.

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.
While ATCC uses reasonable efforts to include accurate and up-to-date information on this product

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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