ATCC

Product Sheet

Flexibacter polymorphus (ATCC® 27820™)

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: *Flexibacter polymorphus* (ATCC® 27820™)

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

Deposited Name: *Flexibacter polymorphus* Lewin

Propagation

Growth Conditions
Temperature: 30.0°C

Propagation Procedure
1. Thaw vial at room temperature and transfer contents to a single tube (5 to 6 ml) of #754 broth.
2. Incubate at 30°C for 3 to 4 days.
3. After 2 to 3 days incubation, use several drops of the suspension to inoculate a slant and/or plate.
4. Incubate the slant and/or plate at 30°C for 24 hours.

Notes

This strain does not grow on agar immediately after revival. Growth in broth is indicated by turbidity.

For the production of the carotenoid pigment, the organism should be grown in the light. Incubation beyond the initial appearance of the pigment will result in the progressive autolysis and death of the organism accompanied by the disappearance of the pigment. Culture will remain viable on solid medium for only 4 days.

These cells will not survive refrigerator temperatures, so it is advisable to transfer or rapid freeze in liquid nitrogen using DMSO as the cryoprotectant. The addition of glycerol, even at low concentrations, leads to lysis and death of the cells.

The culture grows best when well aerated.

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

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 sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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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

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