



Product Sheet

# *Polysphondylium sp.* (ATCC® MYA-4287™)

Please read this **FIRST**



## 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: *Polysphondylium sp.* (ATCC® MYA-4287™)

## Description

Strain Designation: bsb4A

## Propagation

ATCC® Medium 919: Non-nutrient agar

## Growth Conditions

Temperature: 20.0°C

Duration: 919 + ATCC 23437

## Recommended Procedure

Frozen ampoules packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. **Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally minus 20°C).** Storage of frozen material at this temperature will result in the death of the culture.

1. Prepare media by streaking center of agar surface with a large X of *Escherichia coli* (ATCC 23437) and incubating at 25°-30°C one day before inoculating organism. Several replicates are suggested for optimum results.
2. To thaw frozen ampoule, place in a 37°C water bath, immerse ampoule to depth of one millimeter above the level of frozen material in the ampoule. Keep ampoule immersed until material is thawed but no more than 3 minutes. Do not agitate or vortex the ampoule.
3. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer one loop full of contents onto center of X grown out with *Escherichia coli*.
4. Incubate the plates at the temperature recommended.
5. Allow culture to incubate for 2-5 days. Visually inspect by inverting plate under 10X objective. Look for swarms of amoebae feeding on bacteria and the initials of fruiting bodies and/or fruiting bodies rising from the surface of the agar.

## Isolation

Frost Fire, Alaska, USA

## References

References and other information relating to this product are available online at [www.atcc.org](http://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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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.

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor



Product Sheet

***Polysphondylium sp.***  
**(ATCC® MYA-4287™)**

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

© ATCC 2013. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [02/05]

---

**Please read this FIRST**



---

**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: *Polysphondylium sp.* (ATCC® MYA-4287™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor