



# *Lysobacter gummosus* Christensen and Cook

27796™

## Description

Produces a small proteolytic enzyme which lyses bacterial cell walls.

**Strain designation:** Myxobacter AL-1 [NCIB 11894]

**Deposited As:** *Lysobacter enzymogenes* subsp. *enzymogenes* Christensen and Cook

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## **BSL 1**

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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.

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## **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## **Growth Conditions**

### **Medium:**

ATCC Medium 753: Yeast milk medium

**Temperature:** 30°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #753 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #753 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 #753 plate and/or #753 agar slant.
4. Incubate at 30°C for 24 to 48 hours.

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## Notes

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Lysobacter gummosus* Christensen and Cook (ATCC 27796)

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## References

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

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