



# ***Saprolegnia diclina*** **Humphrey**

**36147™**

Product Sheet

## **Description**

Live culture (hyphae, spores and/or other fungal structures) grown on ATCC 307  
Cornmeal medium.

**Strain designation:** LIC10

**Deposited As:** *Saprolegnia diclina* Humphrey

**Type strain:** No

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## **Storage Conditions**

**Product format:** Test tube

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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**

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 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 307: Cornmeal agar

**Temperature:** 15-20°C

**Atmosphere:** Aerobic

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## Handling Procedures

**Morphology:** After 10 days at 15°C colonies growing rapidly, dense with white fluffy aerial mycelium. Sporangia at first terminal on main hyphae, typically long-clavate and thicker toward the distal end, or at times slender-fusiform. Oogonia terminal on main hyphae or on lateral branches, oval or pyriform 60-450 x 20-55 µm.

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## **Notes**

Additional, updated information on this product may be 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: *Saprolegnia diclina* Humphrey (ATCC 36147)

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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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## **Revision**

This information on this document was last updated on 2025-04-18

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## **Contact Information**

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