



Product Sheet

# *Mortierella alpina* (ATCC® 32222\_TT™)

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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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: *Mortierella alpina* (ATCC® 32222\_TT™)

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

## Description

**Strain Designation:** M136 [ATCC 32222; CBS 528.72]

**Deposited Name:** *Mortierella alpina* Peyronel

**Product Description:** Live culture grown on ATCC 307: Cornmeal medium.

## Propagation

The organism is provided as a live culture. It is assumed that the user of this culture has knowledge of the organism. We recommend that the user subculture, upon receipt, onto the same medium as the product is grown, to confirm viability.

ATCC® Medium 307: Cornmeal agar

## Growth Conditions

**Temperature:** 20°C to 25°C

**Atmosphere:** Typical aerobic

## Notes

No special notes.

Additional, updated information on this product may be available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## DNA Sequence

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence  
GGTGAACCTGCGGAAGGATCATTATAATCAAAGTGTTTTATGGCACTTTTAAAAAATCCATATCCA  
CCTTGTGTGCAATGTCATCTCACTGGAGGCCGGCGGCTGTAAAAAGCCCGTTTGGTCACCTTTGGGATT  
TATATCTACTCAGAACTTTAGTGATTTTGCTGAAAAATATTATGAATACTTAATTCAAAATACAACCT  
TCAACAACGGATCTCTGGCTCTCGCATCGATGAAGAACGCAGCGAAATGCGATACGTAATGTGAATT  
GCAGAAATCAGTGAATCATCGAATCTTTGAACGCATATTGCGCTCTCTGGTATTCGGGAGAGCATGCTT  
GTTTGAGTATCAGTAAACACCTCAACTCCCTTTTTCTTTTTGAAATGAGGGAGCTGGACTTGAGTGATC  
CCAACACTTTTCTCACTGAAAAGTGCGGGTCACTTGAATGCAGGTGCAGCTGGACTTTTCTTGAGC  
TATAAGCATATCTATTTAGTCTGCCTAAAAAACAGATTATTACCTTTGCTGCAGCTAACATAAAGGAGA  
TGAGTTCTGTGCTGACTGATGCAGGATTCACAGAGACAGCTTCGCGGCTGACTTTGTAACCTCGATCT  
CAAATCAAGTAAGACTAC

## Isolation

Soil, North Carolina

## 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.



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

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