



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



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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.

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
GCAGAATTCAGTGAATCATCGAATCTTTGAACGCATATTGCGCTCTCTGGTATTCGGGAGAGCATGCTT
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.

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

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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

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