



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
TATATCTACTCAGAACTTTAGTGATTTTGTCTGAAAAATATTATGAATACTTAATTCAAAATACAACCT
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.

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

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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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