



Product Sheet

Allomyces macrogynus (ATCC® 38327_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: *Allomyces macrogynus* (ATCC® 38327_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: Burma 3-35

Deposited Name: *Allomyces macrogynus* (Emerson) Emerson et Wilson

Product Description: Live culture (yeast cells, hyphae, spores and/or other fungal structures) grown on ATCC medium #350 (Emerson YpSs agar).

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 350: Emerson YpSs agar

Growth Conditions

Temperature: 24°C to 26°C

Atmosphere: Typical aerobic

Colony and Cell Morphology:

After 2 weeks advancing zone appressed, mycelium white with older growth turning butyrous and orange as zoosporangia are formed.

Notes

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

DNA Sequence

D1D2 region of the 28S ribosomal RNA gene

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CGAGTAATGGCGAATGAAACGGGAAAAGCCCAAATTTGAAATCTCCTAGCTTTTATCGCTAGGCGAGT
TGTAATTTGTAGAAGGTCTTCACTGAACTGTGTTTGCTAAAGTCCATTGGAAAATGGCGGGCCTTTATG
GTCCCTCAAGTCGTAGAGGGTGACAACCCCGTTCTTGGCATTCTACTAGTTCTTTTGTATGATTCCTCAA
AGAGTCGGATTGTTTGGGAATGCAATCCAAAACGGGTGGTAAATTCATCCAAGGCTAAATATTAGCA
AGAGACCGATAGCGAACAAGTACCCTGAGGGAAAGATGAAAAGAAGTCTGAAGAGAGAGTTCAAC
AGTACGTGAAATTGCTGAAAGGGAAACGCTTGAAACGATTGTTGCTTTTGGTTTCGGCCTTGAGCGAGT
CAGCAGCAGTTTTAAACGGTAAAGAAGTGCTTGTGGAAGGTAGTTTTCTTTGGAAAATGTTATAGCCAT
AAGTAACTGTGCCGTTAGGACTGAGGATCGCTTTTAAAGTGTCTTGTGCGAGGAATTTGGGCCGTTAGC
GCCAAGGCCTTGGGCTTGTCTCAAGACTTGGTGTAACTGTTTCAGGACGACCAACACAAGGCCTTAAA
AT
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Isolation

Pond soil

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



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function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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