



Product Sheet

Farrowia longicollea (ATCC® 24603™)

Please read this FIRST



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: *Farrowia longicollea* (ATCC® 24603™)

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

Deposited Name: *Chaetomium longirostre* (Farrow) Ames, teleomorph

Product Description:

An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

Propagation

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

ATCC® Medium 340: Rabbit food agar

Growth Conditions

Temperature: 24.0°C

Colony and Cell Morphology:

After 7 days at 25°C cultures growing fairly rapidly, aerial mycelium, when present, flocculose, white to pale orange, composed of hyaline hyphae mainly 1-3.5 µm diam. Cleistothecia 70-150 µm diam. with hairs to 150 µm long and 2.5-4 (-8) µm diam. at the base.

Notes

The strain may show some morphological variations in colonies, grey colored or white to pale orange, although purity of the product has been confirmed by the identical ITS and D1/D2 sequences from those colonies.

Additional, updated information on this product may be available on the ATCC web site at www.atcc.org.

DNA Sequence

>D1/D2 region of 28S rRNA gene

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ATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCCTAGTAACGGCGAGTGAAGCGGCAAC
AGCTCAAATTTGAAATCTGGCCTCGGCCCGAGTTGTAATTTGCAGAGGAAGCTTTGGGCGCGGCACCG
ACCGAGTCCCCTGGAACGGGGCCCATAGAGGGTGAGAGCCCCGTATGGTCGGACGCCTAGCCTGTG
TAAAGCTCCTTCGACGAGTGCAGTAGTTTGGGAATGCTGCTCAAAATGGGAGGTAAATTTCTTCTAAA
GCTAAATACCGGCCAGAGACCGATAGCGCACAAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAA
AAGAGGGTTAAATAGCACGTGAAATTTGTTGAAAGGGAAGCGCTTGTGACCAGACTTGCGCCGGCTG
ATCATCTGGTGTCTCACCAGTGCACCTGCGCGGGCTCAGGCCAGCATCGGTTCTCGCGGGGGACAA
AGGCCCTGGGAACGTAGTCTCCTCCGGGAGTGTATAGCCCAGGGCGCAATGCCCTCGCGGGGACCGA
GGTTTCGCGCATCTGCAAGGATGCTGGCGTAATGGTCATCAGCGAC.
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>ITS region

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GGGCGCCCGCGGAGGTACACAACTCTTGCAATTGTATGGCTCTCTGAGTATTCTGACTGAATAAG
TCAAACTTTCAACAACGGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTA
ATGTGAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATTCTGGCG
GGCATGCCTGTTTCGAGCGTCAATTCACCATCAAGCCCCGGCTTGTGTTGGGGACCTGCGGCTGCCGC
AGGCCCGAAAACAGTGGSGGGCTCGCTGTCACCCCGAGCGTAGTATTT
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Isolation

forest soil, Georgia

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



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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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