ATCC

Product Sheet

Trichoderma atroviride (ATCC® 20476™)

Please read this FIRST

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: *Trichoderma atroviride* (ATCC® 20476™)

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: T
Deposited Name: *Trichoderma viride* Persoon : Fries, anamorph
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 325: Malt extract agar (Blakeslee's formula)

Growth Conditions
Temperature: 24.0°C

Colony and Cell Morphology:
On malt extract medium after 3-4 days colonies with rapid growth, cream-colored at first, soon becoming green due to abundant sporulation, starting at the edge of the colony. Conidiophores hyaline, loosely branched at right angles. Phialides flask-shaped, with very short, hardly visible collarettes. Conidia spherical to ellipsoidal, pale green,

Notes

No special notes.
Additional, updated information on this product may be available on the ATCC web site at w w w.atcc.org.

DNA Sequence

GenBank accession number: JQ745258
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.
TCCGTTGGTGAACCAGCGGAGGGATCATTACCGAGTTTACAACTCCCAAACCCAATGTGAACCATACC
AAACTGTTGCCTCGGCGGGGTCACGCCCCGGGTGCGTCGCAGCCCCGGAACCAGGCGCCCGCCGGAG
GGACCAACCAAACTCTTTTCTGTAGTCCCCTCGCGGACGTTATTTCTTACAGCTCTGAGCAAAAATTCAA
AATGAATCAAAACTTTCAACAACGGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGA
TAAGTAATGTGAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATT
CTGGCGGGCATGCCTGTCCGAGCGTCATTTCAACCCTCGAACCCCTCCGGGGGGTCGGCGTTGGGGAC
CTCGGGAGCCCCTAAGACGGGATCCCGGCCCCGAAATACAGTGGCGGTCTCGCCGCAGCCTCTCCTGC
GCAGTAGTTTGCACAACTCGCACCGGGAGCGCGGCGCGTCCACGTCCGTAAAACACCCAACTTCTGAA
ATGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAAG
GenBank accession number: JQ745264
Large subunit ribosomal RNA gene, partial sequence
CATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCCCAGTAACGGCGAGTGAAGCGGCAA
CAGCTCAAATTTGAAATCTGGCCCCTAGGGTCCGAGTTGTAATTTGTAGAGGATGCTTTTGGTGAGGTG
CCGCCCGAGTTCCCTGGAACGGGACGCCGCAGAGGGTGAGAGCCCCGTCTGGCTGGCCACCGAGCCT
CTGTAAAGCTCCTTCGACGAGTCGAGTAGTTTGGGAATGCTGCTCAAAATGGGAGGTATATGTCTTCTA
AAGCTAAATATTGGCCAGAGACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACCTTG
AAAAGAGGGTTAAACAGTACGTGAAATTGTTGAAAGGGAAGCGCTTGTGACCAGACTTGGGCGCGGC
GGATCATCCGGGGTTCTCCCCGGTGCACTTCGCCGTGTTCAGGCCAGCATCAGTTCGGCGCGGGGGAA
AAAGGCTTCGGGAACGTGGCTCCTCCGGGAGTGTTATAGCCCGTTGCATAATACCCTGCGCTGGACTG
AGGACCGCGCATCTGCAAGGATGCTGGCGTAATGGTCACCAGCGAC

Isolation

plum tree, Sweden

References

References and other information relating to this product are available online at www.atcc.org.

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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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. 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 strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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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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