



Product Sheet

Ogataea angusta (ATCC® 14755™)

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: *Ogataea angusta* (ATCC® 14755™)

American Type Culture Collection
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Manassas, VA 20108 USA
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Or contact your local distributor

Description

Strain Designation: NRRL Y-2214 [CBS 7073, FMJ 7142, IFO 1475, JCM 3635, UCD 50-102]

Deposited Name: *Hansenula angusta* Wickerham, 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 200: YM agar or YM broth

Growth Conditions

Temperature: 24.0°C

Recommended Procedure

Frozen ampoules packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. **Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C).** Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a **25-30°C** water bath, until just thawed (**approximately 5 minutes**). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µl (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended.
4. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Notes

type strain; produces NAD-linked alcohol dehydrogenase.

DNA Sequence

>SSU rDNA of ATCC 14755

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AAAGATTAAGCCATGCATGTCTAAGTATAAGCAATTTATACAGTGAAACTGCGAATGGCTCATTAAAT
CAGTTATCGTTTTATTTGATAGTTTCTTTACTACATGGATAACCGTGGTAATTCAGAGCTAATACATGCTT
AAAGCCCCGACTTCTGGAAGGGGTGATTTATTAGATAAAAAATCAATGCCTTCGGGCTTTTTGATGAT
TCATAATAACTTTTCGAAGCTCATGGCCTTGCTGGAGCTGGTTCAATCAAATTTCTGCCATCAACTT
TCGATGGTAGGATAGTGCCCTACCATGGTTTTACGCGGTAAACGGGGAATAAGGGTTCGATTCCGGAGA
GGGAGCCTGAGAAACGGCTACCACATCCAAGGAAGGCAGCAGCGCGCAAATACCCAATCCTGAC
ACAGGGAGGTAGTGACAATATATAACGATACAGGGCCCTTTCCGGTCTTGTAATTGGAATGAGTACAA
TGTAATACCTTAACGAGGAACAATTGGAGGGCAAGTCTGGTGCCAGCAGCCGCGGTAATCCAGCTC
CAATAGCGTATATTAAGTTGTTGCAGTTAAAAGCTCGTAGTTGAACCTTGGGTCTGGTTAGCCGGTC
TGCCTTTTTGGCACGTAAGTAAACCGGGCCTTTCTTCTGGCTAACCAACACTCTGTGTTGGCAA
ACCAGGACTTTTACTTTGAAAAAATTAGAGTGTCAAAGCAGGCCCTTGGCTCGAATATATTAGCATGGA
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GTCGGGGGCATCAGTATTCAGTTGTCAAGAGGTGAAATTCCTGGATTTACTGAAGACTAACTACTGCGA
AAGCATTGGCCAAGGACGTTTTCTAATCAAGAACGAAAGTTAGGGGATCGAAGATGATCAGATAC
CGTCGTAGTCTTAACCATAAACTATGCCGACTAGGGATCGGGTGGTGTCTTTTTGACCCACTCGGCA
CCTTACGAGAAATCAAAGTTTTGGGTTCTGGGGGAGTATGGTCGCAAGGCTGAAACTTAAAGGAAT
TGACGGAAGGGCACACCAGGAGTGGAGCCTGCGGCTTAATTTGACTCAACACGGGAAACTCACCA
GGTCCAGACACAATAAGGATTGACAGATTGAGAGCTTTTTCTTGATTTGTGGGTGGTGGTGCATGGCC
GTTCTTAGTTGGTGGAGTGATTTGTCTGCTTAATTGCGATAACGAACGAGACCTTAACCTACTAAATAG
TGATATTGGCTTTTGTGATTTTCACTTCTTAGAGGGACTATCGGTTCAAGCCGATGGAAGTTTGAGGC
AATAACAGGCTGTGATGCCCTTAGAGCTTCTGGCCGACGCGCTACACTGACGGAGCCAACGAG
CTCTATCCTTGACCGAGAGGTCCGGTAATCTTGTGAAACTCCGTCGTGCTGGGGATAGAGCATTGCAA
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TTGTACACACCCCGCTCGCTAGTACCGATTGAATGGCTTAGTGAGGCTTCAGGATTGGTTAGAGAA
GGGGCAACTCCATCTTGAACCGAGAATCTAGTCAAACCTGGTCATTTAGAGGAACTAAAA
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>ITS of ATCC 14755

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TTTCCGTAGGTGAACCTGCCGAAGGATCATTACAGTATTCTTCTAAGCTGGAGCTGTTTGGCCGATTAG  
ACTGTTTGCCTGCGCTGCTGAAATATTGCGTGCAGCGGTGATGGTTTTTTGGTTGCAGTTCTACTCAAAG  
GCTTAGAAATCTCCTTTACACACTTTGTTTTCTTATTAGAGACAAATTTGCTTTGGCTAGCGGTGCTTTAA  
ACCGGCATGCTTGCCAGAGGTTTTAACAAAACCTATTTTCGCTTTCCCCCGTGGGAAGATTGAAAA  
CTTGATTATACTTTTGTGAGTTATAAGGAGTTGCGTTTTGCAGCTTTTCTAAAACCTTTAAAACCTTTCAACAA  
CGGATCTCTTGGTTCTCGCATCGATGAAGAACGCAGCGAAATGCGATACGTAATGTGAATTGCAGATT  
TTCGTGAATCATTGAATCTTTGAACGCACATTGCGCCCTCTGGTATTCCAGAGGGCATGCCTGTTTGAGC  
GTCATTTCCCTCTCAAACCTTTGGGTTTGGTATGGGCAATACTCTCGTCCGAGAGTTTGCTTGAATGA  
ATTGGCATGAGTTTTGATACGAACCTCAGCTGTTTATTCAATGTATTAGGTTTTATCCATCGTTGATTGA  
CAACTGTAAGCTTCTTTCAAAAATTGGCTCTGCCTTACAAAACCTTTAATCATAAAGTTTGACCTCAAATCA  
GGTAGGATTACCCGCTGAACCTAAGCATATCAAT
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>D1/D2 region of LSU rDNA of ATCC 14755

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ATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCTTAGTAGCGGCGAGTGAAGCGGCAAG  
AGCTCAAATTTGAAATCTGGTACCTTCGGTGCCCGAGTTGTAATTTGAAGAAAGTAATCTTGGGAGTGG  
CCTTTGTCTATGTTCTTGAACAGGACGTCATGGAGGGTGAGAATCCCGTGTGATGAGGTGCCATTT  
CCGTGTAAGATGCTTTGAAAGAGTGCAGTTGTTGGGAATGCAGCTCAAAGTGGGTGTTAAATCCAT  
CTAAAGCTAAATATTGGCGAGAGACCGATTAGCGAAACAAGTACTGTGAAGGAAAGATGAAAAGAACT  
TTGAAAAGAGAGTGAAAAGTACGTGAAATTTGAAAAGGGAAGGGTATTTGATCAGACTTGGTATT  
TAGCTATCATCGTCTCTTGGTGGTGGTCTAGCTTTTTACTGGGCCAGCATCAGTTCTGGTGGCAAGA  
TAATGACAGTTGAATGTGGCTCCTCGGAGTGTATAGCTTCTGTTGATATTGCCACCGGGACTGAGGT  
CTGCGGCTTTTGCCTAGGATGCTGGCGTAATGATCCAATACCGCCCGT
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Isolation

fruit fly, *Drosophila pseudoobscura*, Keen Camp, CA



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

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

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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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