Description

Strain Designation: NRRL Y-567 [CBS 2978, CBS 5900, CCY 21-4-48, CCY 21-4-54, NCTC 10716, NCTC 7239,NCYC 87, Pattee 6, PCI M-50]

Deposited Name: Saccharomyces cerevisiae Hansen

Product Description: An ampoule containing viable cells 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
ATCC® Medium 28: Emmons’ modification of Sabouraud’s agar
ATCC® Medium 1245: YEPD

Growth Conditions
Temperature: 30°C
Atmosphere: Typical aerobic

Recommended Procedure

For freeze-dried (lyophilized) ampoules:

1. Open an ampoule according to enclosed instructions.
2. From a single test tube of sterile distilled water (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension into the test tube of sterile distilled water.
4. Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) rehydration might increase viability of some fungi.
5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
6. Incubate the inoculum at the propagation conditions recommended.
7. 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.

Colony and Cell Morphology: On YM agar after 3 days at 25°C, colonies are cream colored, smooth, usually flat, occasionally raised in the centerpart. Older colonies may be slightly tan and opaque. Cells are ovoid, globose, budding, usually isolated or clustered, 3.0-8.0 by 5.0-10.0 μm.

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 26S ribosomal RNA gene, partial sequence

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Saccharomyces cerevisiae  (ATCC® 9763™)
TTGTGCCCTCTGCTCCTTGTGGGTAGGGGAATCTCGCATTTCACTGGGCCAGCATCAGTTTTGGTGGCAG
GATAAATCCATAGGAATGTAGCTTGCCTCGGTAAGTATTATAGCCTGTGGGAATACTGCCAGCTGGGA
CTGAGGACTGCGACGTAAGTCAAGGATGCTGGCATAATGGTTATATGCCGC

Distillery yeast

References

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

Disclaimers

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