



Nucleic Acid Product Sheet

Saccharomyces cerevisiae

Meyen ex E.C. Hansen

(ATCC® 9763D-5™)

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: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen (ATCC® 9763D-5™)

Nucleic Acid Information

Total DNA: Approximately 5 µg of DNA with Biomatrix DNASTable
OD₂₆₀/OD₂₈₀: 2.1

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

Source: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen

Designation: Genomic DNA from *Saccharomyces cerevisiae* NRRL Y-567 (ATCC® 9763™)

Description: Isolated from *Saccharomyces cerevisiae* ATCC® 9763™.

Note: Genomic DNA isolated from yeast is appropriate for PCR* and other molecular biology applications.

*The polymerase chain reaction (PCR) process is covered by patents owned by Hoffmann-LaRoche Inc. Use of the PCR process requires a license.

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Preparation Procedure

Allow the vial to thaw at room temperature.

Quality Control Information

1. Fungal genomic DNA is provided as a frozen suspension. Store at -20°C or lower if stored for more than 6 months.
Note: Do not store in freezers with a defrost cycle. This will expose the product to increased temperatures.
2. Purity: OD₂₆₀/OD₂₈₀ ratio was within acceptable limits (1.8 to 2.0).
3. Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with ethidium bromide, and was found to be intact and of high molecular weight.
4. No RNA was detected by electrophoresis.
5. Functional activity was confirmed by PCR amplification of approximately 1500 base pairs fragment of rRNA gene cluster including ITS1-5.8S-ITS2 region.
6. Identity confirmed by sequencing of ITS1, 5.8S gene and ITS2 regions of ribosomal RNA (~ 500 base pairs).

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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