Saccharomyces cerevisiae Meyen ex E.C. Hansen

4011678™

Description

Strain designation: YOR381W BY4742, mating type alpha [11678]
Deposited As: *Saccharomyces cerevisiae* Hansen, teleomorph
Type strain: No
Mating type: alpha
Genotype: MATalpha his3delta1 leu2delta0 lys2delta0 ura3delta0 deltaFRE3

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 2241: YEPD with geneticin 200 mcg/ml
Temperature: 25°C

Handling Procedures

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

1. To thaw a frozen vial, place it at room temperature or in 30°C water bath (not

submerged), until just thawed (around 90 seconds).

2. Immediately after thawing, aseptically transfer the culture into a test tube or plate with medium recommended.

3. Incubate the test tube or plate at the temperature recommended (25-28°C).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen (ATCC 4011678)

References

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

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