



c9171 [9171] 70884TM

Product Sheet

Description

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

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

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.

Certificate of Analysis

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

Insert Information

Type of DNA: genomic

Insert strain: AB972 (ATCC 76269)

Genome: *Saccharomyces cerevisiae*

Chromosome: III

III L, 61 cM from CEN

Gene name: mating-type cassette

Gene product: mating-type cassette [HML]

Gene symbol: HmL

Contains complete coding sequence: Unknown

Insert end: Mbol

Vector Information

Construct size (kb): 0.0

Intact vector size: 6.430

Vector name: pHc79

Type of vector: cosmid

Construction: pBR322, Charon 4A

Host range: *Escherichia coli*

Vector end: BamHI

Vector information:

Cross references: DNA Seq. Acc.: L08873

Cloning sites: EcoRI; ClaI; BamHI; Sall; Ecl; PstI

Markers: ampR; tetR

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 30°C

Notes

Confirmed to contain EcoRI/HindIII fragments of the following sizes (kb): 0.35,

0.46, 0.51, 0.74, 0.89, 1.1, 1.2, 1.5, 1.9, 2.3, 2.7, 3.8, 4.9, ***. IMPORTANT:

To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

Overlaps clones with ATCC number(s): 70051, 70739.

- personal communication

Reported to contain EcoRI/HindIII fragments of the following sizes (kb), ordered

as in the genome: 4.542, 0.441, 2.551, 2.208, 3.547, 1.879, 0.553, 0.495, 0.916,

10.083, 2.281, 1.471, 0.769, 1.213, 1.139.

- Genetics 134: 81-150, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: c9171 [9171] (ATCC 70884)

References

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

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