



# c9171 [9171]

70884™

## Description

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

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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## Storage Conditions

**Product format:** Freeze-dried

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## 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.

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## 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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### 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

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### 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; Ecal; PstI

**Markers:** ampR; tetR

**Replicon:** pMB1

**Terminator:** none

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### Growth Conditions

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**Medium:**

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

**Temperature:** 30°C

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**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

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**Material Citation**

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

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**References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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