



# c9189 [9189]

70888™

## Description

Cosmid clone of genomic DNA from *Saccharomyces cerevisiae* chromosome III R, 97 cM from CEN which includes at least a portion of the HMR (mating type cassette) gene.

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

**Clone type:** Clone

**Shipping information:** *Escherichia coli* containing the cosmid in glycerol stock

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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

**Insert size (kb):** 33.100000000000001

**Type of DNA:** genomic

**Chromosome:** III R, 97 cM from CEN

**Gene product:** mating-type cassette [HMR]

**Contains complete coding sequence:** Unknown

**Insert end:** Mbol

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## Vector Information

**Construct size (kb):** 39.5

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## Growth Conditions

**Medium:**

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

**Temperature:** 30°C

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## Handling Procedures

Transfer a loopful to an agar plate of LB+50mg/mL of ampicillin . Incubate cultures at 30°C. Single colonies should be selected and inoculated into LB + amp broth and grown at 30°C . Isolate DNA using standard cosmid preparation procedures.

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## Notes

The insert contains EcoRI/HindIII fragments of the following sizes (kb) : 0.429, 0.485, 0.486, 0.571, 0.606, 0.790, 0.891, 0.937, 1.267, 1.295, 1.533, 1.630, 1.906, 1.983, 2.085, 2.368, 2.390, 2.593, 4.113, 4.392, 6.113. ---Maynard Olson, personal communication

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: c9189 [9189] (ATCC 70888)

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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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## Revision

This information on this document was last updated on 2021-05-19

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