



Saccharomyces cerevisiae **AB320 genomic library** **in YEp13 *Escherichia coli***

37323™

Description

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

Clone type: Library

Shipping information: Glycerol stock of *Escherichia coli* containing the plasmid library

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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

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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.

Insert Information

Insert information:

Type of insert: genomic

Type of digest: Sau3A partial

Markers: ampR, LEU2

Number of independent recombinants: 8.20×10^4

Nonrecombinants (%): 50.0

Number of clones for complete coverage: 1.0×10^4

Titer: 5.9×10^{10} cfu/mL

Vector Information

Construct size (kb): 10.667

Intact vector size: 10.667

Vector name: YEp13

Type of vector: plasmid

Construction: pBR322, *S. cerevisiae* LEU2, 2 micron ori

Vector information: Cross references: DNA Seq. Acc.: U03498

Cloning sites: BamHI; PvuII; XhoI

Markers: LEU2; ampR; tetR

Replicon: pMB1, 2540-2540; 2 micron, →, 8988-10329

Growth Conditions

Medium:

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

Temperature: 37°C

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Handling Procedures

Grow the library on LB media + 50 µg/mL of ampicillin. Incubate at 37°C. Isolate DNA using standard plasmid preparation procedures.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Saccharomyces cerevisiae* AB320 genomic library in YEp13 *Escherichia coli* (ATCC 37323)

References

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

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