



# YEplac112

87590™

## Description

One of 9 shuttle vectors (ATCC 87585 ? 87593) allowing lacZ detection of cloned inserts and containing the pUC19 MCS with all 10 cloning sites unique. Vectors differ in mode of replication (YE, YC or YI-type) and yeast marker (LEU2, URA3 or TRP1). This is a YE-type (yeast episomal) vector with the TRP1 marker. The HindIII, PstI and XbaI restriction sites from the TRP1 gene of *S. cerevisiae* were removed by using oligo-directed mutagenesis.

**Clone type:** Vector

**Shipping information:** *Escherichia coli* containing the plasmid

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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

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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

**Target gene:** beta-galactosidase

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## Vector Information

**Construct size (kb):** 4.989

**Vector name:** YEplac112 (plasmid)

**Construction:** pUC19

**Insert detection:** lacZ'

**Markers:** ampR; TRP1

**MCS:** HindIII...EcoRI

**Promoters:** lac

**Replicon:** 2 micron ori; pMB1

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## Notes

Restriction digests of the clone gave the following sizes (in kb): Aval 2.9, 1.3, 0.8 ;  
HindIII 4.9 ; PstI 4.9. ATCC Staff

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: YEplac112 (ATCC 87590)

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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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