



YRp14-trp1delta63 [YRp14/trp1-delta63, p430]

77148™

Product Sheet

Description

Clone type: Vector

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.

Vector Information

Construct size (kb): 8.3999999618530273

Intact vector size: 8.400

Vector name: YRp14-trp1delta63 (plasmid)

Type of vector: plasmid

Construction: YRp14

Host range: *Saccharomyces cerevisiae*; *Escherichia coli*

Markers: SUP11; ampR; URA3

Replicon: pMB1; ARS1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb):

EcoRI/HindIII--6.0, 1.6, 0.6; HindIII--8.4; BamHI--8.4; PstI--3.7, 3.4, 1.3;

BglII--7.4, 1.1.

- ATCC staff

Non-integrants grow poorly selecting for Ura3+ (pinpoints at 5 days) while integrants grow well because the SUP11 copy number is maintained at one. If there are no integrants on a transformation plate, streak onto -URA plates and pick papillae.

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- personal communication

A marker addition/transplacement vector.

- Genetics 122: 19-27, 1989

Constructed by inserting the equivalent of 2 genomic EcoRI/HindIII fragments (1.5 kb, centromere proximal and 0.8 kb, 3' end) from the TRP1 region into YRp14.

- Genetics 122: 19-27, 1989

Represents the deletion of a 0.6 kb EcoRI/HindIII fragment containing the promoter and the 5' portion of the gene.

- Genetics 122: 19-27, 1989

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: YRp14-trp1delta63 [YRp14/trp1-delta63, p430] (ATCC 77148)

References

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

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