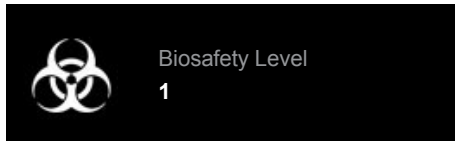




Product Sheet

YRp14-trp1delta63 [YRp14/trp1-delta63, p430] (ATCC® 77148™)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: YRp14-trp1delta63 [YRp14/trp1-delta63, p430] (ATCC® 77148™)

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

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

Distribution Host:

Distribution host: *Escherichia coli* HB101 (ATCC 33694)

Propagation

Growth Conditions

Temperature: 37.0°C

Medium

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

Vector Information

Size (kb): 8.3999996185302730

DESCRIPTION OF VECTOR:

Intact vector size: 8.400

Type of vector: plasmid

Cloning sites:

Polylinker sites:

Construction: YRp14

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

Features (with orientation and position when available):

marker(s): ampR, URA3, SUP11

replicon: pMB1, ARS1

Vector: YRp14-trp1delta63 (plasmid)

Construction: YRp14

Marker(s):URA3,ampR,SUP11

Construct size (kb): 8.399999618530273

Features: marker(s): ampR, URA3, SUP11

replicon: pMB1, ARS1

References

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

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.

- 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



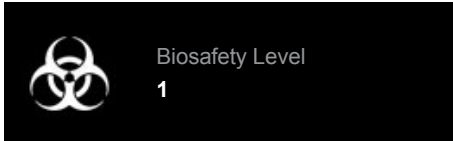
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Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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