



Product Sheet

pC-ACT.1 (ATCC® 87776™)

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: pC-ACT.1 (ATCC® 87776™)

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: pC-ACT.1

Distribution Host:

Distribution host: *Escherichia coli* DH5

Propagation

Growth Conditions

Temperature: 37.0°C

Medium

ATCC® Medium 1637: LB medium (ATCC medium 1065) with 100 mcg/ml carbenicillin

Vector Information

Size (kb): 7.3889999389648440

DESCRIPTION OF VECTOR:

Intact vector size: 7.389

Type of vector: plasmid

Cloning sites: NdeI SfiI NcoI SmaI BamHI SalI PstI

Polylinker sites: NdeI SfiI NcoI SmaI BamHI SalI PstI

Construction: pRS314

Features (with orientation and position when available):

replicon: ColE1, 1-362

coding sequence: bla, <-, 934-1794

replicon: ARS4, 2066-2442

centromere: CEN6, 2028-2053

marker(s): LEU2, <-, 3171-4265

promoter: PADH, 5666-6375

MCS: NdeI..PstI, ->, 6845-6884

ribosome-binding site: GAL4, ->, 6383-6791

transcription terminator: ADC1 transcriptional terminator (TADH), 6902-7092

signal peptide coding region: hemagglutinin epitope, 6797-6838

Vector: pC-ACT.1 (plasmid)

Promoters: Promoter PADH

Construction: pRS314

Marker(s): crbR

Construct size (kb): 7.388999938964844

Features: marker(s): LEU2

promoter: PADH

replicon: ARS4

replicon: ColE1

MCS: NdeI..PstI

ribosome-binding site: GAL4

signal peptide coding region: hemagglutinin epitope

transcription terminator: ADC1 transcriptional terminator (TADH)

centromere: CEN6

coding sequence: bla

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): BamHI--7.4; PstI--7.4; HindIII--7.4; NdeI--7.4. Useful in two hybrid screening in yeast. A CEN based plasmid with Gal4 activation domain. It has lower copy number than 2 micron based plasmids.

- ATCC staff

Biosafety Level: 1



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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.

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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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