



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

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

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in



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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

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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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