



# pC-ACT.2

## 87777™

Product Sheet

### Description

**Clone type:** Vector

**Host:** *Escherichia coli* DH5

**Deposited As:** *Saccharomyces cerevisiae* Hansen, teleomorph

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### Storage Conditions

**Product format:** Freeze-dried

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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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### 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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## Vector Information

**Construct size (kb):** 7.40399980545044

**Intact vector size:** 7.404

**Vector name:** pC-ACT.2 (plasmid)

**Type of vector:** plasmid

**Construction:** pRS314

**Vector information:**

signal peptide coding region: hemagglutinin epitope, 6797-6838

signal peptide coding region: hemagglutinin epitope

**Cloning sites:** NdeI; NcoI; AvrII; BglII; BclI; BamHI; SmaI; Sall; PstI

**Coding sequence:** bla, <-, 934-1794; bla

**Markers:** LEU2; crbR

**MCS:** NdeI..PstI, ->, 6845-6899

**Polylinker sites:** NdeI; NcoI; AvrII; BglII; BclI; BamHI; SmaI; Sall; PstI

**Promoters:** PADH, 5666-6375

**Replicon:** ColE1, 1-362; ARS4, 2066-2442

**Ribosome-binding site:** GAL4, ->, 6383-6791

**Terminator:** ADC1 transcriptional terminator (TADH), 6917-7107

**Transcription terminator:** ADC1 transcriptional terminator (TADH), 6917-7107

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## 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. Contains unique restriction sites (BglII, BclI and BamHI) compatible with 5' GATC overhangs in all three reading frames.

- 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: pC-ACT.2 (ATCC 87777)

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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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