



# pCu425CTR1-CYC1

## 87736™

### Description

**Clone type:** Vector

**Shipping information:** DNA supplied by depositor

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### Storage Conditions

**Product format:** 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):** 7.460999965667725

**Intact vector size:** 7.461

**Vector name:** pCu425CTR1-CYC1 (phagemid)

**Type of vector:** phagemid

**Construction:** pRS425, CTR1-CYC1 promoter

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

**Cloning sites:** SpeI; BamHI; SmaI; EcoRI; EcoRV; ClaI; Sall; XhoI

**Markers:** LEU2; ampR

**MCS:** XhoI...SpeI, ->

**Polylinker sites:** SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; Sall; Xho

**Promoters:** Expression: CTR1-CYC1

**Replicon:** 2 micron; f1; pMB1

**Terminator:** CYC1, <-

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## Notes

Restriction digests of the vector give the following sizes (kb): SacI--7.5;

SacI/SpeI--7.0, 0.38.

- ATCC staff

CTR3 and CTR1 are the copper transporter promoters and are repressed by the presence of copper and highly activate under copper-starvation conditions. The time course of copper-starvation activation and copper repression of a reporter gene is rapid.

- personal communication

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCu425CTR1-CYC1 (ATCC 87736)

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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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