



pCu423CUP1

87724™

Product Sheet

Description

Clone type: Vector

Shipping information: DNA supplied by depositor

Storage Conditions

Product format: Dried

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.

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.

Vector Information

Construct size (kb): 6.284999847412109

Intact vector size: 6.285

Vector name: pCu423CUP1 (phagemid)

Type of vector: phagemid

Construction: pRS423, CUP1 promoter

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

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

Markers: HIS3; ampR

MCS: SpeI...XhoI, ->

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

Promoters: Expression: CUP1

Replicon: 2 micron; f1; pMB1

Terminator: CYC1, <-

Notes

Restriction digests of the vector give the following sizes (kb): SacI--6.3;

SacI/SpeI--6.0, 0.26.

- ATCC staff

Gene CUP1 is the most potent for the copper induction. The CUP1 promoter can be used to create a series of versatile vectors to allow its utilization to control the expression of heterologous genes in *S.cerevisiae*.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCu423CUP1 (ATCC 87724)

References

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

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