



# pEA2

## 87617™

### Description

This vector contains the *his7+* from *Schizosaccharomyces pombe* cloned into pUC18 polylinker. From this vector, a fragment carrying *his7+* can be isolated using a variety of restriction enzymes for the construction of gene disruptions. It was constructed by inserting the 3.15 kb BglII fragment from plasmid pMN1 into the BamHI site of pUC18.

- Curr. Genet. 24: 491-495, 1993.

**Clone type:** Vector

**Shipping information:** *Escherichia coli* containing the plasmid

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### Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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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or national agencies.

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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):** 5.849999904632568

**Vector name:** pEA2 (plasmid)

**Construction:** pUC18, pMN1

**Markers:** his7+; ampR

**MCS:** SphI...EcoRI

**Replicon:** pMB1

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## Growth Conditions

**Medium:**

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

**Temperature:** 37°C

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## Notes

Restriction digests of the clone gave the following sizes (in kb): XbaI 4.5, 1.4 ;  
HindIII 3.8, 1.3, 0.8 ; PstI 5.9.

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: pEA2 (ATCC 87617)

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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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