



# REP42X

87607™

## Description

A *Schizosaccharomyces pombe* expression vector distributed in *Escherichia coli* HB101. It has a medium strength nmt promoter and the ura4+ marker. REP42X was constructed by deleting the ATG in the polylinker of the original REP42 plasmid. An XhoI linker was cloned into the blunted NdeI-BamHI cut REP42 plasmid, deleting the Sall site. ? Nucleic Acids Res. 21: 2955-2956, 1993.

**Clone type:** Vector

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

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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):** 8.5

**Vector name:** REP42X (phagemid)

**Type of vector:** phagemid

**Construction:** pUC119

**Markers:** ampR; ura4+

**MCS:** Xho...SmaI

**Promoters:** Expression: nmt1\* (weaker nmt1)

**Replicon:** ars1; f1; 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): HindIII 5.7, 1.7, 1.1 ; EcoRI 7.2, 1.3 ; XhoI 8.5.

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: REP42X (ATCC 87607)

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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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