



# pUR19

## 77298™

### Description

This is a *Schizosaccharomyces pombe*/*Escherichia coli* shuttle vector permitting visual detection of recombinants by beta-galactosidase alpha complementation. It was constructed by inserting a 1.7 kb ClaI fragment containing *ura4* and a 1.2 kb ClaI fragment containing *ars1* into the NdeI site of pUC19 modified with a ClaI linker.

- Gene (Amst.) 114: 59-66, 1992.

**Clone type:** Vector

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

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### Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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):** 5.5

**Vector name:** pUR19 (plasmid)

**Type of vector:** plasmid

**Construction:** pUC19, pON163

**Insert detection:** lacZ'

**Markers:** ampR; ura4+

**Promoters:** lac

**Replicon:** ars1; 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): BamHI 5.5 ; EcoRI 5.5 ; PstI 5.5 ; HindIII 5.5.

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: pUR19 (ATCC 77298)

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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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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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