pSP2

77498™

Description

This is a shuttle vector transforming *Schizosaccharomyces pombe* at high efficiency. It is suitable for generating nested deletions, DNA sequencing, and producing riboprobes. It permits visual detection of recombinants by lacZalpha complementation. It was constructed from pRS306 by inserting a 1.2 kb EcoRI fragment containing ares1 into the AatII site. The NdeI site in ars1 was removed.

- Curr. Genet. 23: 547-548, 1993.

Clone type: Vector

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies

and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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): 5.579999923706055
Vector name: pSP2 (phagemid)
Construction: pRS306
Insert detection: lacZ'
Markers: ampR; URA3
Promoters: lac; T3; T7
Replicon: ars1; f1; pMB1

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Notes

Restriction digests of the clone gave the following sizes (in kb): KpnI 5.6 ; SstI 5.6 ; HindIII 5.6. ATCC Staff References: Curr. Genet. 23: 547-548, 1993.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSP2 (ATCC 77498)

References

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

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Revision

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