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

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): 5.5
Vector name: pUR19 (plasmid)
Type of vector: plasmid
Construction: pUC19, pON163
Insert detection: lacZ'
Markers: ampR; ura4+
Promoters: lac
Replicon: ars1; 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): BamHI 5.5 ; EcoRI 5.5 ; PstI 5.5 ; HindIII 5.5. ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pUR19 (ATCC 77298)

References

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

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