p366 [pBS32]

77163™

Description

Clone type: Vector
Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

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): 8.48
Intact vector size: 8.479
Vector name: p366 (plasmid)
Type of vector: plasmid
Construction: YCp50
Host range: *Saccharomyces cerevisiae*; *Escherichia coli*
Centromere: CEN4
Cloning sites: HindIII; BamHI; SphI
Markers: LEU2; ampR
Replicon: pMB1, ARS1

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 give the following sizes (kb): EcoRI--6.5, 2.0; BamHI--8.5; HindIII--8.5; BglII--8.5; BamHI/BglII--5.6, 2.9.
- ATCC staff

YC-type shuttle vector. Derived from YCp50 (ATCC 37419) by removing most of the URA3 gene as a 1.89 kb SalI/SmaI fragment and replacing it with a 2.23 kb SalI/XhoI fragment containing LEU2. The order of the major features in this plasmid is: HindIII - BamHI - SphI - LEU2 - CEN4 - ARS1 - pMB1 ori - bla.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: p366 [pBS32] (ATCC 77163)

References

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

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Revision

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