S. cerevisiae/E. coli YI-type phagemid vectors

77189™

Description

A fragment (1.112 kb) containing the URA3 gene was inserted into the NdeI site of pRSS56. All ends were blunted. The order of the major features in this plasmid is URA3 ? f1 ori (NaeI) ? T7 promoter ? lacZ?/MCS ? T3 promoter ? pMB1 ori ? bla.
Shipping information: *Escherichia coli* containing the phagemid

Storage Conditions

Product format: Frozen
Storage conditions: 2°C to 8°C

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.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Open vial according to instructions.2. Asceptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 *u*L to a test tube containing 5 mL LB+ ampicillin (50-100 ug/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37°C. 3. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of pRS306 gave the following sizes (in kb): HindIII 4.4; PvuI 3.9, 0.4; PstI 2.7, 1.65 ; EcoRI 4.4. ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: S. cerevisiae/E. coli YI-type phagemid vectors (ATCC 77189)

References

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

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