pRY121 plasmid in *E. coli*

37658™

Description

This construct contains the *S. cerevisiae* GAL1 promoter region (from about 1 kb upstream of the GAL1 transcription start site to amino acid 33) fused to the bacterial lacZ gene.

Organism: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen
Clone type: Clone
Host: *Escherichia coli* LE392
Shipping information: *Escherichia coli* GC10 containing the plasmid in glycerol stock

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.

Insert Information

Insert size (kb): 0.69999999999999996
Insert information:
Gene: Galactose promoter region
Source: *Saccharomyces cerevisiae*

- ***Insert end:*** SalI/BamHI

Vector Information

Construct size (kb): 11.50
Vector name: pLG67OZ
Type of vector: plasmid
Vector information: Excise insert: SalI/BamHI
Markers: lacZ+; ampR; URA3

Growth Conditions

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

Handling Procedures

Thaw contents of the vial in a 37°C water bath with gentle agitation. Transfer a loopful to a test tube containing 5 mL LB+50 µg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRI – 3.2 (doublet), 2.8, 2.2 ; HindIII – 6.2, 2.15, 1.45, 1.05 ; SalI – SalI – 11.5.
–ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pRY121 plasmid in *E. coli* (ATCC 37658)

References

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

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Revision

This information on this document was last updated on 2025-04-27

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