



pRML1

87707™

Description

A YAC cloning vector. The plasmid was derived from pCGS966 and includes TRP1, ARS1, features for YAC amplification including a transcriptionally repressible CEN and an HSV-thymidine kinase gene, a distal polylinker to support plasmid rescue of insert ends, a T3 promoter and a cloning polylinker for library production.

Clone type: Vector

Host: *Escherichia coli* DH5α

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Freeze-dried

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

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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

Vector name: pRML1 (plasmid)

Type of vector: plasmid

Construction: This plasmid was derived from pCGS966, and includes a TRP1 selectable marker, yeast origin of replication ARS1.

Centromere: CEN4

Cloning sites: BamHI; NdeI; SpeI; ClaI; Sall; NotI; EcoRI

Insert detection: GAL, ←

Markers: ampR; TRP1

Promoters: *In vitro* transcription T3

Replicon: ARS1, ←; ori, ←

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Promoter giving the sense strand : T3
Restriction digests of the clone gave the following sizes (in kb): BamHI 9.7 ; EcoRI 9.7 ; BamHI/EcoRI 8.9, 0.8.
ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pRML1 (ATCC 87707)

References

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

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