



pLDR21 [WM2194] 87206™

Product Sheet

Description

Organism: *Escherichia coli* (Migula) Castellani and Chalmers

Clone type: Vector

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.

Insert Information

Insert size (kb): 1.5469999999999999

Type of DNA: genomic

Target gene: lacIq - ptac promoter cassette

Gene product: lacIq - ptac promoter cassette

Vector Information

Construct size (kb): 3.650000095367432

Vector name: pLDR21 (plasmid)

Type of vector: plasmid

Construction: pT7-7, pJF118EH

Markers: ampR

Operator: lac

Promoters: ptac

Replicon: pMB1

Repressor gene: lacIq

Growth Conditions

Medium:

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

Temperature: 37°C

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pLDR21 [WM2194] (ATCC 87206)

References

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

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