pLUC+

87630™

Description

Promoter-cloning vector for analysis of eukaryotic promoters, using the luciferase reporter gene. The vector contains a modified luciferase (luc+) gene from the firefly Photinus pyralis in order to increase the yield of recoverable luciferase activity after transfection and to eliminate potential cryptic regulatory elements. Biotechniques 23: 436-438, 1997.

Clone type: Vector

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

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): 4.552999973297119
Vector name: pLUC+ (plasmid)
Markers: ampR
MCS: HindIII...BamHI; XhoI...EcoRI
Replicon: pMB1
Reporter group: luciferase (luc+)
Terminator: SV40 large T-antigen polyadenylation; SV40 late polyadenylation

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 five the following sizes (kb): BamHI 4.6; EcoRI 4.6; HindIII 4.6. ---ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pLUC+ (ATCC 87630)

References

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

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