



# 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

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### Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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### 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.

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### BSL 1

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or national agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## 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

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): BamHI 4.6; EcoRI 4.6; HindIII 4.6. ---ATCC staff

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## Material Citation

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

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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