



# pEX\_CFP6-SV40LTa-NLS plasmid in E. coli

10089303<sup>TM</sup>

## Description

This cDNA clone expresses SV40 Large T antigen\_NLS triplet, N-terminally tagged with 6x CFP, under the control of the CMV promoter in WEHI-231 cells (ATCC CRL-1702).

-<http://afcs.lbl.gov/reports/v1/DA0002/DA0002.pdf>

**Organism:** SV40 virus

**Shipping information:** *Escherichia coli* GC10 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

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.

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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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## Insert Information

**Insert size (kb):** 0.081

**Type of DNA:** cDNA

**Insert information:**

SV40 Large T antigen\_NLS triplet

**Gene product:** SV40 Large T antigen\_NLS triplet

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## Vector Information

**Construct size (kb):** 8.541

**Type of vector:** expression

**Vector information:**

Marker for bacterial selection: KanR

Marker for mammalian selection: neomycin

**Markers:** neoR; kanR

**Promoters:** CMV

**Putative target:** Nucleus

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## Growth Conditions

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Product Sheet

## Medium:

ATCC Medium 1236: LB Medium (ATCC medium 1065) with 25 mcg/ml kanamycin

**Temperature:** 37°C

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## Handling Procedures

Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100  $\mu$ L to a test tube containing 5 mL LB+25mg/mL of kanamycin. A loopful of culture can also be streaked on an LB + kan agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

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## Notes

The ATCC has confirmed the presence of the following NcoI fragments (in bp): 5683, 1904, 703, 251.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pEX\_CFP6-SV40LTa-NLS plasmid in E. coli (ATCC 10089303)

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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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