



pCMV-m7alphaOH

99668™

Description

Full length clone of mouse cholesterol 7 alpha hydroxylase corresponding to nt. 704 2268 of Genbank L23754 in the pCMV6 vector.

There are 3 substitutions in the translated sequence from L23754: T197S, V253A and S318A.

----- Personal communication

Organism: *Mus musculus*, mouse

Clone type: Clone

Deposited As: mouse

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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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): 1.6000000000000001

Type of DNA: cDNA

Target gene: cholesterol 7 alpha hydroxylase

Gene product: cholesterol 7 alpha hydroxylase [m7alphaOH]

Vector Information

Construct size (kb): 6.300000190734863

Growth Conditions

Medium:

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

Temperature: 37°C

Handling Procedures

Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 μ L to a test tube containing 5 mL LB+50mg/mL of ampicillin. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37⁰ C. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of the clone gave the following bands (in kb) : EcoRI 6.1, 0.2; KpnI 5.0, 1.3 ; BamHI 6.0, 1.0 ; mLuI/NotI 4.7, 1.6. —ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV-m7alphaOH (ATCC 99668)

References

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

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