pMCV1-E-E purified plasmid DNA

MBA-370™

Description

This is a partial clone of the Molluscum contagiosum virus in a low copy number plasmid. The 19.281 kb insert includes nucleotides 109367-128648 of Genbank sequence U60315 for the complete genome of the virus.

Shipping information: Purified plasmid DNA

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.

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MBA-370

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): 19.281
Insert information:
Insert ends: EcoRI
Source: Molluscum contagiosum virus (MCV)
Genbank accession: U60315, partial
Nucleotides 1-19281 of the insert correspond to nucleotides 109367-128648 of Genbank U60315
Insert end: EcoRI

Vector Information

Construct size (kb): 23.526
Intact vector size: 4.245
Vector name: pACYC184
Type of vector: cloning
Vector information: Suggested primer for sequencing from 5' side of the EcoRI site:
Primer yE-1 (forward): 5'-GTCGTGGTATTCACTCCAGAGCGAT-3'
Primer yE-2 (reverse): 5'-GCATTTCAGTCAGTTGCTC
Insert detection: EcoRI
Markers: tetR

Handling Procedures

Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 µg/mL of tetracycline at 37°C.

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MBA-370

Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRI – 4.25, 19.3; StuI – 0.8, 1.5, 3.9, 5.0, 5.8, 6.5.

–ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pMCV1-E-E purified plasmid DNA (ATCC MBA-370)

References

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

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MBA-370

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