



pMCV1-H-J-I+V purified plasmid DNA

MBA-378™

Description

This is a partial clone of the Molluscum contagiosum virus in a low copy number plasmid. The 4.2 and 0.146 kb insert includes nucleotides 162560-166725 and 187252-187398 of Genbank sequence U60315 for the complete genome of the virus.

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.

Insert Information

Insert size (kb): 4.165 + 0.146 (4.311 kb total)

Insert information:

Insert ends: HindIII

Source: Molluscum contagiosum virus (MCV)

Genbank accession: U60315, partial

Nucleotides 1-4165 and 4166-4311 of the insert correspond to nucleotides 162560-166725 and 187252 – 187398 respectively, of Genbank U60315

Insert end: HindIII

Vector Information

Construct size (kb): 7.97

Intact vector size: 3.658

Vector name: pAT153

Type of vector: cloning

Vector information: Suggested primers for sequencing that flank HindIII site:

Primer 1 (forward): 5'-AACCTATAAAAATAGGCGTATCACG-3'

Primer 2 (reverse): 5'-CGCATTGTTAGATTTCATACACGG-3'

Insert detection: HindIII

Markers: ampR

Handling Procedures

Rehydrate plasmid with water or TE buffer. Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 µg/mL of ampicillin at 37°C.

Notes

Restriction digests of the clone gave the following sizes (in kb): HindIII – 3.7, 3.7, 4.2, 0.15.

–ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pMCV1-H-J-I+V purified plasmid DNA (ATCC MBA-378)

References

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

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Product Sheet

Revision

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
