



Product Sheet

PSY1209 PLASMID IN ESCHERICHIA COLI JM109 (67387)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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U.S. Patent Number:
5,194,386

Technical Information

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Product Description

Designation: PSY1209 PLASMID IN ESCHERICHIA COLI JM109
Organism: *Xanthomonas campestris* (Pammel) Dowson

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Comments

Restriction digests of the clone give the following sizes (kb): NotI--15.0, 10.0, 5.9, 5.3, 3.7, 3.5, 2.5, 2.35; BamHI--22.5, 17.0, 7.5; EcoRI--16.0, 15.0, 8.5, 3.8, 1.4, 1.3; PstI--22.5, 3.1, 2.4, 2.3 +smaller.
IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

Propagation

Complete Growth Medium

ATCC® Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S.

American Type Culture Collection
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Or contact your local distributor



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Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

Patent Deposits not produced or characterized by ATCC are warranted for viability only. If you believe the culture you have received is nonviable, contact Technical Services by phone at 800-638-6597 or 703-365-2700 or by e-mail at tech@atcc.org. Or you may contact your local distributor.

Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Website at www.atcc.org

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