



Product Sheet

PBIIHI.2 PLASMID IN ESCHERICHIA COLI RR1 (67902)

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:
5,015,581

Technical Information

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Product Description

Designation: PBIIHI.2 PLASMID IN ESCHERICHIA COLI RR1

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): EcoRI--5.2; BglII--5.2; HindIII--5.2; PstI--3.6, 1.6. Permits positive selection for inserts, Based on the dominance of the wild-type rpsL (ribosomal protein S12) gene in the plasmid. The SmaI and one HpaI site are in this gene. Derived from pNO1523 by inserting a BglII linker at the EcoRI site and a HpaI linker at the PvuII site. The order of the major features in this plasmid is: EcoRI - BglII - EcoRI - ClaI - HindIII - BamHI - rpsL - ori - bla.

Propagation

Complete Growth Medium

ATCC[®] Medium 1315: LB Medium (ATCC medium 1065) with 100 mg/L ampicillin

References

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

Biosafety Level: 1

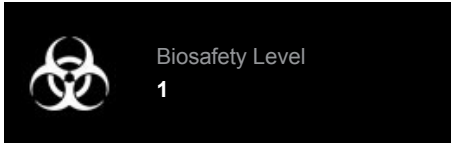
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in



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the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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