



Product Sheet

PSM17 PLASMID IN BACILLUS SUBTILIS (53353)

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.

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

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U.S. Patent Number:
4,626,510

Technical Information

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Product Description

Designation: PSM17 PLASMID IN BACILLUS SUBTILIS

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

The EcoRI cloning site is 4 bp downstream of the ribosome binding sequence. pBR322 sequences were removed from pSM6 (ATCC 53352) by PstI digestion and replaced with pSM100 (pUB110 modified to remove the EcoRI site).

Propagation

Complete Growth Medium

ATCC[®] Medium 1638: LB medium (ATCC medium 1065) with 5 mcg/ml kanamycin

Notes

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- Plasmid 16: 1-14, 1986

.patent

References



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

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