



Product Sheet

(75966)

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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:

5,492,823

Technical Information

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Product Description

Organism: *Geobacillus stearothermophilus* (Donk) Nazina et al.

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): KpnI/PstI--8.1, 2.7. The insert contains the following restriction sites (approximate kb from the 5' end): EcoRI--0.8, 4.0; HindIII--5.7. Transform *E. coli* ER1992 with pBsoRI at 30C. Plate on LB + amp + X-gal plates and look for blue colonies. The transformed host should be grown at 30C. Thermostable enzymes like BsoBI are less active at this lower temperature. This should allow hosts without protective methylation to survive.

Propagation

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

ATCC Warranty

American Type Culture Collection
PO Box 1549
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www.atcc.org

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Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor



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Disclaimers

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