



Product Sheet

PSA3-12 PLASMID IN BACILLUS SUBTILIS (39292)

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

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U.S. Patent Number:
4,585,739

Technical Information

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Product Description

Designation: PSA3-12 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

This is an expression vector for use in *Bacillus subtilis*.

Propagation

Complete Growth Medium

ATCC[®] Medium 3: Nutrient agar or nutrient broth

Notes

This is an expression vector for use in *Bacillus subtilis*.
- unknown

.patent

References

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

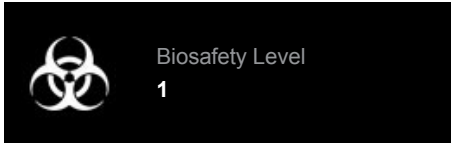
Biosafety Level: 1



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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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