



## Product Sheet

(75630)

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:

5,529,927

### Technical Information

ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found on the international or [U.S. patent office](#) websites.

### Product Description

**Organism:** *Lobosphaera* sp.

### 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  $-130^{\circ}\text{C}$ , preferably in liquid nitrogen vapor, until ready for use.

### Subculturing Procedure

**Protocol:** ATCCNO: 75630 SPEC: This strain is routinely shipped as a frozen stabulate. Thaw the ampule and aseptically transfer the material to 5.0 ml of ATCC medium 2027 in a 16 x 125 mm screw-capped test tube. Incubate on a 15 degree horizontal slant at 25-35C in the dark. Cultivation of the strain in the dark with agitation will increase the growth rate and the yield of trehalase (see patent for more information).

### Propagation

### Complete Growth Medium

ATCC<sup>®</sup> Medium 2027: *Lobosphaera* medium

### References

References and other information relating to this product are available online at [www.atcc.org](http://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



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