



# Corn seed

## 97625™

### Description

**Organism:** *Zea mays* Linnaeus, Corn

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**Patent number:**

5,650,557

**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 in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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### Storage Conditions

**Product format:** Dried

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### Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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**BSL 1**

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### **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### **Notes**

Mutant corn seed

The Sh2-m1Rev6 variant encodes an ADP-glucose pyrophosphorylase enzyme subunit that has the arginine:threonine amino acid pair inserted between the tyrosine and isoleucine at amino acid residues 503 and 504, respectively, of the native protein.

Corn seed containing serine in a position of the large subunit of the endosperm enzyme, adenosine diphosphate glucose pyrophosphorylase encoded by the gene *shrunken2*

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: Corn seed (ATCC 97625)

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### **References**

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

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## Revision

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