

# Product Components List

## Stellar™ Competent Cells

**Catalog No.**

636766

**Amount**

100 transformations

### Description

Stellar Competent Cells are an *E. coli* HST08 strain that provides high transformation efficiency. These cells can be used in a wide variety of applications—from preparation of cDNA and genomic libraries to construction of longer-length genomic libraries, to subcloning, and even methylated DNA cloning. Stellar Competent Cells lack the gene cluster for cutting foreign methylated DNA (*mrr-hsdRMS-mcrBC* and *mcrA*) and are therefore useful for cloning methylated DNA. The cells can also be used for blue/white screening (i.e.,  $\alpha$ -complementation) when transformed with vectors containing the *lacZ $\alpha$*  gene. This package includes 50 tubes of competent cells (100  $\mu$ l/tube), SOC Medium and a pUC19 vector.

### Package Contents

- 5 x Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://takarabio.com/manuals)

The following documents apply to this product:

- Stellar Competent Cells Protocol-At-A-Glance

---

### Notice to Purchaser

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product's web page at [takarabio.com](https://takarabio.com). It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

© 2024 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions. Additional product, intellectual property, and restricted use information is available at [takarabio.com](https://takarabio.com).

This document has been reviewed and approved by the Quality Department.

---

**Takara Bio USA, Inc.**

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)United States/Canada  
800.662.2566  
(050624)Asia Pacific  
+1.650.919.7300Europe  
+33.(0)1.3904.6880Japan  
+81.(0)77.565.6999