

# Product Components List

## In-Fusion® Snap Assembly Master Mix with Competent Cells

Catalog Nos.	Amount
638951	10 Rxns
638952	50 Rxns

### Description

The In-Fusion Snap Assembly Master Mix with Competent Cells enables high-efficiency, high-fidelity, directional cloning of one or more PCR fragments into any vector. The cornerstone of In-Fusion Cloning technology is Takara Bio's proprietary In-Fusion master mix, which fuses DNA fragments (e.g., PCR-generated sequences and linearized vectors) efficiently and precisely by recognizing a 15-bp overlap at their ends. This 15-bp overlap can be engineered by designing primers for amplification of the desired sequences. The In-Fusion Snap Assembly Master Mix offers high cloning efficiency, especially for longer fragments, short oligonucleotides, and multiple fragments. In addition to the cloning kit, this package includes Stellar™ Competent Cells, an *E. coli* HST08 strain that provides high transformation efficiency paired with blue-white screening capability when used with pUC plasmid vectors.

### Package Contents

#### 638951 (10 Rxns):

- In-Fusion Snap Assembly Master Mix (Cat. No. 638947) >> [View Components](#)
- Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)

#### 638952 (50 Rxns):

- In-Fusion Snap Assembly Master Mix (Cat. No. 638948) >> [View Components](#)
- 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](http://takarabio.com/manuals)

The following documents apply to this product:

- In-Fusion Snap Assembly User Manual
- In-Fusion Snap Assembly Multiple-Insert Cloning Protocol-At-A-Glance
- pUC19 Linearized Vector Information
- Stellar Competent Cells Protocol-At-A-Glance

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#### Takara Bio USA, Inc.

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# Product Components List

Cat. Nos. 638951, 638952

## In-Fusion Snap Assembly Master Mix with Competent Cells

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