

# Product Components List

## In-Fusion® HD Cloning Plus

Catalog Nos.	Amount
638909	10 rxns
638910	50 rxns
638911	100 rxns

### Description

The In-Fusion HD Cloning Plus kit enables high-efficiency, high-fidelity, directional cloning of one or more PCR fragments into any vector. In addition to the cloning kit, this package includes: a NucleoSpin Gel and PCR Clean-Up kit, which can be used for both gel extraction and spin-column purification of PCR products; 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; and CloneAmp™ HiFi PCR Premix, a convenient high-fidelity PCR 2X master mix that provides exceptionally accurate and efficient DNA amplification.

### Package Contents

#### Cat. No. 638909 (10 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639648) >> [View Components](#)
- NucleoSpin Gel and PCR Clean-Up kit (Cat. No. 740609.10) >> [View Components](#)
- Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)
- CloneAmp HiFi PCR Premix (Cat. No. 638500) (Not sold separately) >> [View Components](#)

#### Cat. No. 638910 (50 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639649) >> [View Components](#)
- NucleoSpin Gel and PCR Clean-Up kit (Cat. No. 740609.50) >> [View Components](#)
- 5 x Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)
- 2 x CloneAmp HiFi PCR Premix (Cat. No. 638500) (Not sold separately) >> [View Components](#)

#### Cat. No. 638911 (100 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639650) >> [View Components](#)
- 2 x NucleoSpin Gel and PCR Clean-Up kit (Cat. No. 740609.50) >> [View Components](#)
- 10 x Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)
- CloneAmp HiFi PCR Premix (Cat. No. 639298) >> [View Components](#)

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

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#### Takara Bio USA, Inc.

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## 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 HD Cloning Kit User Manual
  - NucleoSpin PCR Clean-Up & Gel Extraction User Manual
  - pUC19 Linearized Vector Information
  - Stellar Competent Cells Protocol-At-A-Glance
  - CloneAmp HiFi PCR Premix Protocol-At-A-Glance
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## Notice to Purchaser

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