

Product Components List

In-Fusion® HD Cloning Plus CE

Catalog No(s).	Amount
638916	10 rxns
638917	50 rxns
638918	100 rxns

Description

The In-Fusion HD Cloning Plus CE kit enables high-efficiency, high-fidelity, directional cloning of one or more PCR fragments into any vector. In addition to the In-Fusion HD Cloning Kit, this package includes: Cloning Enhancer, which removes background plasmid DNA and PCR residue, eliminating the need for PCR insert purification prior to cloning; 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. 638916 (10 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639648) >> [View Components](#)
- Cloning Enhancer (Not sold separately; Cat. No. 639613) >> [View Components](#)
- Stellar Competent Cells (Cat. No. 636763) >> [View Components](#)
- CloneAmp HiFi PCR Premix (Cat. No. 638500) (Not sold separately) >> [View Components](#)

Cat. No. 638917 (50 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639649) >> [View Components](#)
- Cloning Enhancer (Not sold separately; Cat. No. 639614) >> [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. 638918 (100 rxns):

- In-Fusion HD Cloning Kit (Cat. No. 639650) >> [View Components](#)
- Cloning Enhancer (Cat. No. 639615) >> [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.

Takara Bio USA, Inc.

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Cat. No(s). 638916, 638917 & 638918

In-Fusion® HD Cloning Plus CE

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- In-Fusion HD Cloning Kit User Manual (PT5162-1)
 - pUC19 Linearized Vector Information (PT4065-5)
 - Stellar Competent Cells Protocol-at-a-Glance (PT5055-2)
 - 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.