

In-Fusion® SMARTer® Directional cDNA Library Construction Kit

Catalog No.	Amount	Lot Number
634933	10 rxns	Specified on product label.

Description

The In-Fusion SMARTer Directional cDNA Library Construction Kit provides a sensitive and efficient method for producing high-quality, full-length cDNA libraries. The kit utilizes two of Clontech's most innovative technologies: SMART™ (Switching Mechanism At 5' end of RNA Transcript) technology coupled with PCR amplification makes it possible to generate high yields of full-length double-stranded cDNA from nanograms of poly A⁺ or total RNA. In-Fusion cloning technology makes it easy to clone your SMARTer cDNA library into any location within any vector. You may use the pSMART2IFD Linearized Vector included in the kit, or any vector of your choice, for cloning your library. Isolated clones from finished libraries can be transferred directly to any linearized expression vector for functional analysis—without the need for compatible restriction sites.

Package Contents

- In-Fusion HD Cloning Kit (Cat. No. 639649) >>[View Components](#)
- In-Fusion SMARTer PCR cDNA Synthesis Kit (Cat. No. 634934; not sold separately) >>[View Components](#)
- In-Fusion SMARTer Directional Cloning & Screening Components (Cat. No. 639632; not sold separately) >>[View Components](#)
- QuickClean Enzyme Removal Resin (Cat. No. 631770) >>[View Components](#)

Product Documents

Documents for Clontech products are available for download at www.clontech.com/manuals.

The following documents apply to this product:

- In-Fusion SMARTer Directional cDNA Library Construction Kit User Manual (PT5147-1)

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

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