

NEW PRODUCT HIGHLIGHTS



Easier and Greener Reverse Transcription Master Mix—Just Add RNA and Go!

EcoDry™ RNA to cDNA Premix is a prealiquoted, dry master mix for reverse transcription.

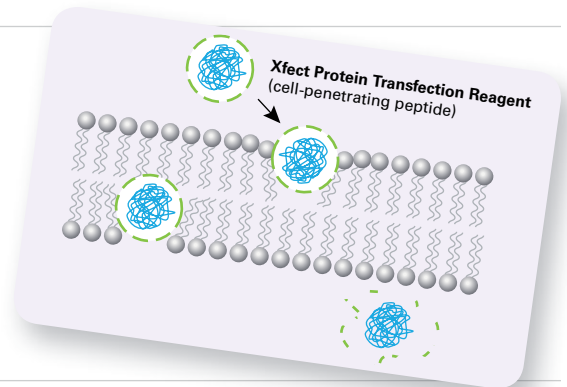
- **Convenient and easy to use**—just add your RNA and go!
- **Performs as well as liquid MMLV RT**—generates up to 11 kb transcripts
- **Eco-friendly**—lyophilized format eliminates styrofoam and dry ice
- **Ready anywhere, anytime (even in the field)**—no refrigeration required
- **Prevents contamination**—single-use tubes mean no more worrying about careless lab mates

Learn more or order now at www.clontech.com/ecodryRT

Xfect™ Protein Transfection Reagent

- Transfect a large amount of active protein
- Virtually no cytotoxicity, unlike lipofection
- Very high efficiency, even in stem or hematopoietic cells
- Simple protocol—assay for your protein in just 2 hours

Learn more or order now at www.clontech.com/xfectprotein



His60 Ni Resin Delivers Pure, Reliable & Reproducible His-Tagged Protein Purification

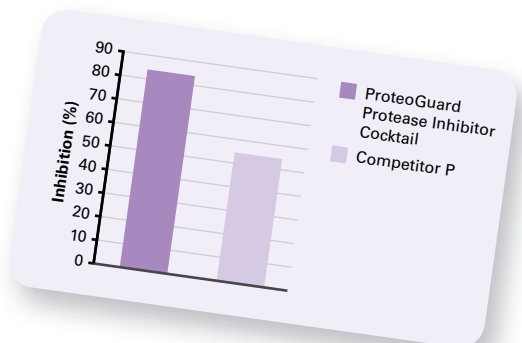
- **Best capacity**—up to 60 mg/ml, higher than all competitors
- **Best versatility**—purify proteins under native or denaturing conditions
- **Best choice of formats and sizes**—available as resins, columns & FPLC cartridges

Learn more or order now at www.clontech.com/his60ni

Prevent Proteolysis with ProteoGuard™

- EDTA-free protease inhibitor cocktail
- Optimized mixture of 5 different inhibitors
- Outstanding performance when used with xTractor Buffer or other lysis buffers
- Flexible packaging in single-use tubes

Learn more or order now at www.clontech.com/proteoguard



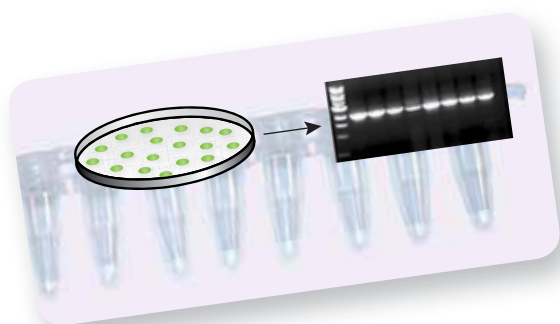
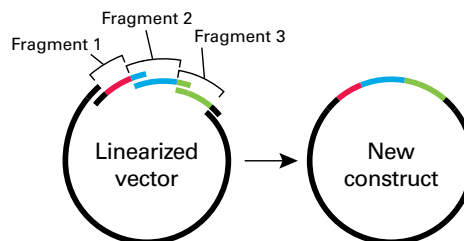
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In-Fusion® HD—Multiple Fragment Cloning in a Single Reaction!

The new **In-Fusion HD Cloning System** includes a more robust enzyme formulation that offers increased cloning efficiency over previous generations of In-Fusion, especially when cloning long fragments, short oligonucleotides, and multiple fragments. In-Fusion HD redefines cloning, making anything possible in just one reaction. Insert one or more PCR fragments directly into the vector of your choice without subcloning, create modular expression vectors with interchangeable parts, construct seamless fusion proteins, delete and replace DNA segments, and more.

Learn more or order now at www.clontech.com/ifhd

Scan this code with your cell phone > and see how In-Fusion works



Simplified Cloning; Just Add Your Vector and Insert—That's It!

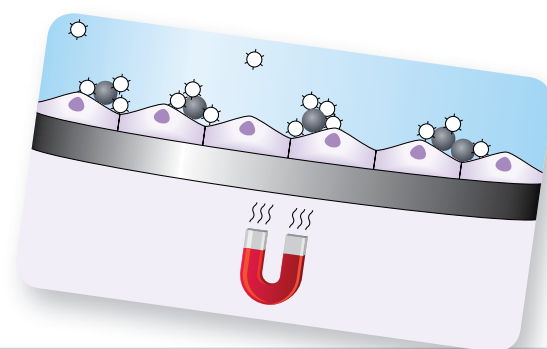
Clontech's new **In-Fusion HD Cloning System** is also offered in lyophilized EcoDry™ format—for maximum convenience and consistency. The EcoDry format simplifies reaction set-up and minimizes variations between cloning reactions due to pipetting errors. Simply add your PCR fragment and a vector to the EcoDry pellet and incubate.

Learn more or order now at www.clontech.com/ifecodry

Accelerate Transductions to Just 25 Minutes with Lenti-X™ Accelerator

- Faster transduction of lentivirus & retrovirus
- Ideal for sensitive cell types such as stem cells
- Starter Kit includes a magnetic separator

Learn more or order now at www.clontech.com/accelerator



Make Genotyping Easy with Terra™ PCR Direct

The **Terra PCR Direct Genotyping Kit** contains everything you need to amplify DNA directly from tissue samples, crude extracts, and dirty templates. The kit includes **Terra PCR Direct DNA Polymerase Mix**, a reagent designed to extract DNA efficiently from tissue samples, and an optimized buffer.

- Amplify DNA targets directly from animal or plant tissues/extracts—no purification necessary!
- Amplify difficult GC-rich (>70%) DNA effortlessly, even in the presence of PCR inhibitors
- Unparalleled hot start antibody inhibits enzyme activity up to 98°C

Learn more or order now at www.clontech.com/terra

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