

Lenti-X™ Packaging Single Shots (Integrase Deficient)

Catalog No(s).	Amount	Lot Number
631277	16 rxns	Specified on product label.

Description

Lenti-X Packaging Single Shots (Integrase Deficient) provide a one-step production method to generate high-titer lentivirus. Each tube of Lenti-X Packaging Single Shots (Integrase Deficient) contains pre-measured, lyophilized Xfect™ Transfection Reagent and an optimized formulation of Lenti-X lentiviral packaging plasmids. High-titer, integrase-deficient lentivirus is produced by adding the lentiviral vector of choice in sterile water to the tube, reconstituting, and then using the mixture to transfect 293T cells (e.g., Lenti-X 293T Cell Line, Cat. No. 632180) in a 10-cm dish.

Package Contents

- 1 box containing 16 Lenti-X Packaging Single Shots (Integrase Deficient), in a foil pouch containing desiccant

Storage Conditions

- Store Lenti-X Packaging Single Shots (Integrase Deficient) at -20°C in the supplied foil pouch containing desiccant. Do not thaw until ready to use.
- Make sure to return the box containing any unused Lenti-X Packaging Single Shots (Integrase Deficient) to the supplied foil pouch containing the desiccant sachet, and store at -20°C .

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (-70°C)

Product Documents

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

The following documents apply to this product:

- Lenti-X Packaging Single Shots Protocol-at-a-Glance

Quality Control Data

Transfection Test

293T cells were transfected with plasmid DNA encoding AcGFP1 fluorescent protein according to the protocol outlined in the Lenti-X Packaging Single Shots Protocol-at-a-Glance. 48 hr post-transfection, AcGFP1 expression was assessed by flow cytometry and transfection efficiency (as determined by the percentage of 293T cells expressing AcGFP1) was demonstrated to be $>75\%$. Virus particle production from the supernatant of transfected cells was confirmed with a positive signal by the Lenti-X GoStix™ test.

Sterility Test

There was no evidence of bacterial or fungal growth after inoculation on thioglycollate medium and tryptic soy broth.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 (092716)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
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Certificate of Analysis

Cat. No(s). 631277

Lenti-X™ Packaging Single Shots (Integrase Deficient)

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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CATALOG NO.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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STATEMENT 63

Use of this product is covered by one or more of the following U.S. Patent Nos. and corresponding patent claims outside the U.S.: 6,998,115; 7,427,394. This product is intended for research purposes only. It may not be used for (i) any human or veterinary use, including without limitation therapeutic and prophylactic use, (ii) any clinical use, including without limitation diagnostic use, (iii) screening of chemical and/or biological compounds for the identification of pharmaceutically active agents (including but not limited to screening of small molecules), target validation, preclinical testing services, or drug development. Any use of this product for any of the above mentioned purposes requires a license from the Massachusetts Institute of Technology.

STATEMENT 259

This product is protected by Japanese Patent No. 6454352 and corresponding U.S. pending patent and other foreign patents pending. For further license information, please contact a Takara Bio USA licensing representative by email at licensing@takarabio.com.

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1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

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