Lenti-X™ Packaging Single Shots (Integrase Deficient)

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.
It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.
Lenti-X™ Packaging Single Shots (Integrase Deficient)

CATALOG NO.

631277

NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product’s web page at http://www.clontech.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 47

Portions of this product are covered by several patent applications owned by, or licensed to, GE Healthcare Dharmacon Inc. The purchase of this product conveys to the buyer the limited, non-exclusive, non-transferable right (without the right to resell, repackage, or further sublicense) under these patent rights to perform the viral infection methods using the lentiviral vectors claimed in those patent applications for research purposes solely in conjunction with this product. No other license is granted to the buyer whether expressly, by implication, by estoppel or otherwise. In particular, the purchase of this product does not include nor carry any right or license to use, develop, or otherwise exploit this product commercially, and no other rights are conveyed to the buyer to use the product or components of the product for any other purposes, including without limitation, provision of services to a third party, generation of commercial databases, or clinical diagnostics or therapeutics. This product is sold pursuant to a license from GE Healthcare Dharmacon Inc, and GE Healthcare Dharmacon Inc., reserves all other rights under these patent rights. For information on purchasing a license to the patent rights for uses other than in conjunction with this product or to use this product for purposes other than research, please contact GE Healthcare Dharmacon Inc., LStlicensing @ge.com.

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.

TRADEMARKS:

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U.S. Technical Support: tech@clontech.com

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<tr>
<th>United States/Canada</th>
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