

# Product Components List

## Lenti-X™ Expression System

Catalog No.	Amount
632164	each

### Description

The Lenti-X Expression System enables you to produce exceptionally high titers of recombinant lentivirus for expression of any cDNA in any cell type susceptible to lentivirus transduction. The Lenti-X packaging system is a proprietary combination of plasmids that collectively expresses all the viral proteins necessary for high-efficiency packaging of lentiviral vector transcripts into infectious lentivirus particles. Lenti-X Packaging Single Shots, which contain lyophilized Lenti-X packaging plasmids and transfection reagent, are used for efficient introduction of the packaging mix and the pLVX-Puro Vector into 293T cells with very high efficiency. The concerted effects of these components allow 293T cells to produce high-titer replication incompetent lentiviral supernatants for a safe transduction of virtually any cell type. The Lenti-X GoStix™ Plus can be used to determine whether virus production is within a usable range or for selecting the best time to harvest your virus. The system provides enough reagents for 16 packaging reactions.

### Package Contents

- pLVX-Puro Vector (Cat. No. 632159; not sold separately) >> [View Components](#)
- Lenti-X Packaging Single Shots (VSV-G) (Cat. No. 631275) >> [View Components](#)
- Lenti-X GoStix Plus (Sample) (Cat. No. 631279; not sold separately) >>> [View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)  
The following documents apply to this product:

- Lenti-X Lentiviral Expression Systems User Manual (PT5135-1)
- Lenti-X Packaging Single Shots Protocol-At-A-Glance

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### 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.

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

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#### Takara Bio USA, Inc.

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