

Product Components List

Lenti-X™ Tet-Off® Advanced Inducible Expression System

Catalog No.	Amount
632163	each

Description

The Lenti-X Tet-Off Advanced Inducible Expression System includes the Lenti-X Tet-Off Advanced Vector Set, Lenti-X Packaging Single Shots (VSV-G), and a sample of Lenti-X GoStix™ Plus. These materials allow you to produce exceptionally high titers of recombinant, VSV-G pseudotyped lentiviruses for the purpose of establishing an inducible expression system for your gene of interest (GOI) in both dividing and nondividing cell types. The system provides enough reagents for 16 packaging reactions.

LVX-Tet-Off Advanced (regulator) lentivirus expresses the tetracycline-dependent transcriptional activator, tTA-Advanced. In the absence of doxycycline (Dox), tTA-Advanced specifically activates high-level transcription from the *P_{Tight}* inducible promoter that controls expression of your GOI in your customized LVX-Tight-Puro-GOI (response) lentivirus. In cells cotransduced by both lentiviruses, your GOI will be expressed to high levels in the absence of Dox. The system is maintained in the inactive “off” state in the presence of Dox.

Package Contents

- Lenti-X Tet-Off Advanced Vector Set (Cat. No. 632158; 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
The following documents apply to this product:

- Lenti-X Tet-Off Advanced Inducible Expression Systems User Manual (PT5145-1)
- Lenti-X Lentiviral Expression Systems User Manual (PT5135-1)
- Lenti-X Packaging Single Shots Protocol-At-A-Glance

Notice to Purchaser

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

Takara Bio USA, Inc.

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