

# Product Components List

## Lenti-X™ iDimerize™ Inducible Homodimer System (with Tet-On® 3G)

Catalog No.	Amount
635086	each

### Description

The Lenti-X iDimerize Inducible Homodimer System (with Tet-On 3G) is a tetracycline-inducible lentiviral gene expression system that lets you control the expression level and dimerization of a protein of interest in live cells. The system includes the pLVX-TRE3G-Hom1 Vector Set, which contains a mammalian expression vector (pLVX-TRE3G-Hom1) that allows doxycycline-dependent expression of your gene of interest, tagged with the DmrB domain, in Tet-On 3G transactivator-expressing cells. Homodimerization of the resulting DmrB-tagged protein is controlled by the addition of the B/B Homodimerizer.

The Lenti-X iDimerize Inducible Homodimer System (with Tet-On 3G) includes vectors and linear selection markers, an optimized packaging system, and the B/B Homodimerizer. The system provides enough reagents for 16 lentiviral packaging reactions.

### Package Contents

- pLVX-TRE3G-Hom1 Vector Set (Cat. No. 635087; not sold separately) [>>View Components](#)
  - 20 µl pLVX-TRE3G-Hom1 Vector (500 ng/µl)
  - 20 µl pLVX-TRE3G-Luc Control Vector (500 ng/µl)
- pLVX-Tet3G Vector (Cat. No. 631358; 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](#)
- B/B Homodimerizer (Cat. No. 635060) [>>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 iDimerize Inducible Homodimer System (with Tet-On 3G) User Manual
- Lenti-X GoStix Plus Protocol-At-A-Glance
- Lenti-X Packaging Single Shots (VSV-G) Protocol-At-A-Glance
- pLVX-TRE3G-Hom1 Vector Information
- pLVX-TRE3G-Luc Control Vector Information
- pLVX-Tet3G Vector Information

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