Lenti-X™ Tet-One™ Inducible Expression System (Puro)

Catalog No. 631847  
Amount each

Description
The Lenti-X Tet-One Inducible Expression System (Puro) is a tetracycline-inducible lentiviral gene expression system that allows you to produce high titers of recombinant, VSV-G pseudotyped lentiviruses for the purpose of establishing a tightly inducible expression system for your gene of interest in a wide variety of dividing and non-dividing mammalian cells. The all-in-one pLVX-TetOne-Puro Vector expresses the Tet-On® 3G transactivator from the constitutive human PGK promoter in the forward orientation and your gene of interest from the \( P_{TREGS} \) promoter in the reverse orientation. In the presence of doxycycline (Dox), the Tet-On 3G transactivator specifically binds and activates high-level transcription from the inducible promoter that controls expression of your gene. In addition, this vector contains a puromycin antibiotic selection marker. The kit also includes Lenti-X Packaging Single Shots (VSV-G), a complete fourth generation lentiviral packaging system, and a sample of Lenti-X GoStix™ Plus.

Package Contents
- pLVX-TetOne-Puro Vector Set (Cat. No. 631849; not sold separately) [View Components]
- Lenti-X Packaging Single Shots (VSV-G) (Cat. No. 631275) [View Components]
- Lenti-X GoStix Plus (Sample) (Cat. No. 631276; 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:

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