

Product Components List

Lenti-X™ Tet-On® 3G CRISPR/Cas9 System

Catalog No.	Amount
632633	1 System

Description

The Lenti-X Tet-On 3G CRISPR/Cas9 System is designed for Tet-inducible Cas9 expression along with expression of a custom sgRNA. Because Cas9 is only expressed in the presence of doxycycline, genome editing is achieved on demand and without the side effects of persistent Cas9 expression in cell culture. This kit contains all of the components necessary for generating three types of lentivirus: one for constitutive expression of the Tet-On 3G transactivator protein, a second for Tet-inducible Cas9 expression under the P_{TRE3GV} promoter, and a third for constitutive sgRNA expression under the U6 promoter.

Package Contents

- pLVX-TRE3G-Cas9-puro Vector Set (Cat. No. 632634; Not sold separately) >>[View Components](#)
- pLVX-EF1a-Tet3G Vector (Cat. No. 631359; Not sold separately) >>[View Components](#)
- pLVX-hyg-sgRNA1 Vector (Linear) (Cat. No. 632632; Not sold separately) >>[View Components](#)
- Guide-it™ Ligation Components v2 (Cat. No. 632615; Not sold separately) >>[View Components](#)
- Stellar™ Competent Cells (Cat. No. 636763) >>[View Components](#)
- Lenti-X Packaging Single Shots (VSV-G) (Cat. No. 631275) >>[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 www.clontech.com/manuals

The following documents apply to this product:

- Lenti-X Tet-On 3G CRISPR/Cas9 System User Manual
- pLVX-TRE3G-Cas9-puro Vector Information
- pLVX-TRE3G-Luc Control Vector Information
- pLVX-EF1a-Tet3G Vector Information
- pLVX-hyg-sgRNA1 Vector (Linear) Vector Information
- Stellar Competent Cells Protocol-At-A-Glance
- 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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