# Certificate of Analysis

## pLVX-Tet3G Vector

| Catalog No. | Amount | Lot Number |
|---|---|---|
| 631358 (Not sold separately)<br>Sold as part of 631349, 631350,<br>631351, 631187 & 635086 | 10 µg | Specified on product label. |

## Description

pLVX-Tet3G is a regulator vector that stably expresses the Tet-On® 3G transactivator protein, as part of any Lenti-X™ Tet-On 3G Inducible Expression System. The Lenti-X Tet-On 3G Inducible Expression Systems allow for the lentiviral delivery and inducible expression of your gene of interest in a wide variety of mammalian cells. Target cells that express the Tet-On 3G transactivator protein from pLVX-Tet3G and contain a gene of interest under the control of a pTRE3G promoter will express high levels of your gene only when cultured in the presence of doxycycline.

### Package Contents

- 20 µl pLVX-Tet3G Vector (500 ng/µl)

### Storage Conditions

- Store at –20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

### Expiration Date

- Specified on product label.

### Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1 mM EDTA (pH 8.0)

### Concentration

- 500 ng/µl

### Shipping Conditions

- Dry ice

### Product Documents

Documents for our products are available for download at **takarabio.com/manuals**
The following documents apply to this product:

- Lenti-X Tet-On 3G Inducible Expression System User Manual
- pLVX-Tet3G Vector Information
- pLVX-Tet3G Vector Sequence in GenBank Format

**Takara Bio USA, Inc.**
2560 Orchard Parkway, San Jose, CA 95131, USA
U.S. Technical Support: technical_support@takarabio.com

United States/Canada 800.662.2566
Asia Pacific +1.650.919.7300
Europe +33.(0)1.3904.6880
Japan +81.(0)77.565.6999

(060523)

### Propagation in *E. coli*

- Recommended host strain: Stellar™ Competent Cells (Cat. No. 636763).
- Selectable marker: Plasmids confer resistance to ampicillin (100 µg/ml) in *E. coli* hosts.
- *E. coli* replication origin: pUC.

## Quality Control Data

### Plasmid Identity & Purity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

| Enzymes | Fragments |
|---|---|
| BamHI | 9.0 kb |
| KpnI | 7.3 & 1.7 kb |

- Vector identity was confirmed by sequencing.
- $A_{260}/A_{280}$: 1.8–2.0

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

# Notice to Purchaser

## pLVX-Tet3G Vector

### CATALOG NO.

**631358**

**NOTICE TO PURCHASER:**

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. 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 our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product´s web page at http://www.takarabio.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

**STATEMENT 42**

Use of the Tetracycline controllable expression systems (the "Tet Technology") is covered by a series of patents including U.S. Patent # 8383364, # 9181556 , European patents EP # 1954811, #2352833 and corresponding patent claims outside these regions which are proprietary to TET Systems GmbH & Co. KG. Academic research institutions are granted an automatic license with the purchase of this product to use the Tet Technology only for internal, academic research purposes, which license specifically excludes the right to sell, or otherwise transfer, the Tet Technology or its component parts to third parties. Notwithstanding the above, academic and not-for profit research institutions whose research using the Tet Technology is sponsored by for profit organizations, which shall receive ownership to any data and results stemming from the sponsored research, shall need a commercial license agreement from TET Systems in order to use the Tet Technology. In accepting this license, all users acknowledge that the Tet Technology is experimental in nature. TET Systems GmbH & Co. KG makes no warranties, express or implied or of any kind, and hereby disclaims any warranties, representations, or guarantees of any kind as to the Tet Technology, patents, or products. All others are invited to request a license from TET Systems GmbH & Co. KG prior to purchasing these reagents or using them for any purpose. Takara Bio USA, Inc. is required by its licensing agreement to submit a report of all purchasers of the Tet-controllable expression system to TET Systems.

For license information, please contact:
GSF/CEO
TET Systems GmbH & Co. KG,
Im Neuenheimer Feld 582
69120 Heidelberg
Germany
Tel: +49 6221 5880400
Fax: +49 6221 5880404
email: info@tetsystems.com
or use the electronic licensing request form via http://www.tetsystems.com/ip-licensing/licensing/for-profit-research

**Takara Bio USA, Inc**.
2560 Orchard Parkway, San Jose, CA 95131, USA
U.S. Technical Support: technical_support@takarabio.com

| United States/Canada | Asia Pacific | Europe | Japan |
|---|---|---|---|
| 800.662.2566 | +1.650.919.7300 | +33.(0)1.3904.6880 | +81.(0)77.565.6999 |

9/12/2023

# Notice to Purchaser

**TRADEMARKS:**



**Takara Bio USA, Inc**.
2560 Orchard Parkway, San Jose, CA 95131, USA
U.S. Technical Support: technical_support@takarabio.com

| United States/Canada | Asia Pacific | Europe | Japan |
|---|---|---|---|
| 800.662.2566 | +1.650.919.7300 | +33.(0)1.3904.6880 | +81.(0)77.565.6999 |

9/12/2023