

Certificate of Analysis

pLVX-EF1a-Tet3G Vector

Catalog No.

631359 (Not sold separately)
Sold as a part of 631352, 631353 & 631354

Amount

10 µg

Lot Number

Specified on product label.

Description

The pLVX-EF1a-Tet3G vector is sold as part of EF1 alpha versions of Tet-On™ 3G Systems, which is an inducible gene expression system for mammalian cells.

Package Contents

- 20 µl pLVX-EF1a-Tet3G Vector (500 ng/µl)

Storage Conditions

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

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

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

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice (-70°C)

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-EF1a-Tet3G Vector Map

Propagation in *E. coli*

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

Takara Bio USA, Inc.

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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:

Vector	Enzyme(s)	Size (kb)
pLVX-EF1a-Tet3G	NheI	9.9 kb
	BamHI, MluI	8.5 & 1.4 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.

pLVX-EF1alpha-Tet3G Vector

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631359

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STATEMENT 42

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4/16/2020

Notice to Purchaser



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STATEMENT 55

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