

## Lenti-X™ iDimerize™ Reverse Dimerization Vector Set 1

<b>Catalog No.</b>	<b>Amount</b>	<b>Lot Number</b>
635077 (Not sold separately) Sold as a part of 635076.	Each	Specified on product label.

### Description

The Lenti-X iDimerize Reverse Dimerization Vector Set 1 is a component of the Lenti-X iDimerize Reverse Dimer System (Cat. No. 635076). This system enables lentiviral delivery of your gene of interest into a variety of mammalian cells, and the expression of your protein of interest, tagged with a domain allowing for reversible protein dimerization/aggregation, via a small molecule "solubilizer".

### Package Contents

- 20 µl pLVX-rHom-1 Vector (500 ng/µl)
- 20 µl pLVX-rHom-Nuc1 Vector (500 ng/µl)
- 20 µl pLVX-rHom-Sec1 Vector (500 ng/µl)

### Storage Conditions

- Store at  $-20^{\circ}\text{C}$ .
- 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 ( $-70^{\circ}\text{C}$ )

### 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 Reverse Dimerization System User Manual
- pLVX-rHom-1 Vector Information
- pLVX-rHom-Nuc1 Vector Information
- pLVX-rHom-Sec1 Vector Information

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# Certificate of Analysis

Cat. No. 635077

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## 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:

Vector	Enzyme(s)	Size (kb)
pLVX-rHom-1	BamHI	8.8 kb
	SnaBI	1.0 & 7.8 kb
pLVX-rHom-Nuc1	BamHI	9.2 kb
	SnaBI	1.4 & 7.8 kb
pLVX-rHom-Sec1	BamHI	9.6 kb
	SnaBI	1.8 & 7.8 kb

- Vector identity was confirmed by sequencing.
- A<sub>260</sub>/A<sub>280</sub>: 1.8–2.0

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

## Lenti-X™ iDimerize™ Reverse Dimerization Vector Set 1

### CATALOG NO.

635077

### 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.

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### STATEMENT 55

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