

Lenti-X™ iDimerize™ Inducible Homodimer Vector Set 1

Catalog No.	Amount	Lot Number
635073 (Not sold separately) Sold as a part of 635072.	Each	Specified on product label.

Description

The Lenti-X iDimerize Inducible Homodimer Vector Set 1 is a component of the Lenti-X iDimerize Inducible Homodimer System (Cat. No. 635072). 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 inducible protein homodimerization, via a small molecule "dimerizer".

Package Contents

- 20 µl pLVX-Hom-1 Vector (500 ng/µl)
- 20 µl pLVX-Hom-Mem1 Vector (500 ng/µl)
- 20 µl pLVX-Hom-Nuc1 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 iDimerize Inducible Homodimer System User Manual
- pLVX-Hom-1 Vector Information
- pLVX-Hom-Mem1 Vector Information
- pLVX-Hom-Nuc1 Vector Information

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. 635073

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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-Hom-1	BamHI	8.5 kb
	SnaBI	0.7 & 7.8 kb
pLVX-Hom-Mem1	BamHI	8.8 kb
	SnaBI	1.0 & 7.8 kb
pLVX-Hom-Nuc1	BamHI	8.5 kb
	SnaBI	0.7 & 7.8 kb

- Vector identity was confirmed by sequencing.
- A₂₆₀/A₂₈₀: 1.8–2.0

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

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CATALOG NO.

635073

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 99

iDimerize and Shield1 Technologies: This product is sold under license from ARIAD Pharmaceuticals, Inc., a wholly owned subsidiary of Takeda Pharmaceutical Company Limited, for use only in internal research conducted by the buyer, which license expressly excludes the right to sell or otherwise transfer the product to third parties and is expressly made subject to compliance with Takara Bio USA, Inc.'s general Terms and Conditions of Sale and any other restrictions set forth on the product's web page. No right is given to use this product or its components for any other purpose including, but not limited to diagnostic, therapeutic and/or prophylactic applications for or in human beings, animals and/or plants, including but not limited to gene and cell therapy applications, whether in vitro, ex vivo or in vivo, in foods, drugs, devices or cosmetics of any kind, or for consumption by or use in connection with or administration or application to humans or veterinary treatment of animals, or to provide any services, including research services, to third parties. For information regarding licenses for uses other than internal research, please contact a licensing representative by phone at 650.919.7320 or by e-mail at licensing@takarabio.com.

STATEMENT 55

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11/14/2019

Notice to Purchaser



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