

Lenti-X™ iDimerize™ Inducible Heterodimer Vector Set 1

Catalog No.

635075 (Not sold separately).
Sold as a part of 635074.

Amount

Each

Lot Number

Specified on product label.

Description

The Lenti-X iDimerize Inducible Heterodimer Vector Set 1 is a component of the Lenti-X iDimerize Inducible Heterodimer System (Cat. No. 635074). 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 heterodimerization, via a small molecule "dimerizer".

Package Contents

- 20 µl pLVX-Het-1 Vector (500 ng/µl)
- 20 µl pLVX-Het-Mem1 Vector (500 ng/µl)
- 20 µl pLVX-Het-Nuc1 Vector (500 ng/µl)
- 20 µl pLVX-Het-2 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)

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada
800.662.2566
(092818)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

Certificate of Analysis

Cat. No. 635075

Lenti-X™ iDimerize™ Inducible Heterodimer Vector Set 1 (Not sold separately)

Sold as a part of Cat. No. 635074

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 Heterodimer System User Manual
- pLVX-Het-1 Vector Information
- pLVX-Het-Mem1 Vector Information
- pLVX-Het-Nuc1 Vector Information
- pLVX-Het-2 Vector Information

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-Het-1	BamHI	8.4 kb
	SnaBI	0.6 & 7.8 kb
pLVX-Het-Mem1	BamHI	9.3 kb
	SnaBI	1.1 & 8.2 kb
pLVX-Het-Nuc1	BamHI	8.9 kb
	SnaBI	0.7 & 8.2 kb
pLVX-Het-2	BamHI	8.9 kb
	SnaBI	0.7 & 8.2 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.

Lenti-X™ iDimerize™ Inducible Heterodimer Vector Set 1

CATALOG NO.

635075

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 56

Takara Bio USA, Inc. has a license to sell products containing WPRE, under the terms described below. Any use of WPRE outside of Takara Bio USA's product or the product's intended use, requires a license as detailed below. Before using the product containing WPRE, please read the following license agreement. If you do not agree to be bound by its terms, contact Takara Bio USA within 10 days for authorization to return the unused product containing WPRE and to receive a full credit. Patents: The WPRE technology is covered by one or more of the following U.S. Patents and corresponding patent claims outside the U.S.: 6,136,597; 6,284,469; 6,312,912; 6,287,814, issued to The Salk Institute for Biological Studies. Individual License Agreement: Takara Bio USA grants you a non-exclusive license to use the enclosed product containing WPRE in its entirety for its intended use. The product is being transferred to you in furtherance of, and reliance on, such license. Any use of WPRE outside of Takara Bio USA's product or the product's intended use, requires a license from the Salk Institute for Biological Studies. Termination of License: This license agreement is effective until terminated. You may terminate it at any time by destroying all products containing WPRE in your control. It will also terminate automatically if you fail to comply with the terms and conditions of the license agreement. You shall, upon termination of the license agreement, destroy all products containing WPRE in your control, and so notify Takara Bio USA in writing. This License shall be governed in its interpretation and enforcement by the laws of the State of California. Contact for WPRE Licensing: The Salk Institute for Biological Studies 10010 North Torrey Pines Road La Jolla, CA 92037 Attn.: Office of Technology Management Phone: 858.453.4100 ext. 1275 Fax: 858.546.8093

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

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@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

9/28/2018

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

cPPT Element. This product and its use are the subject to one or more of the following U.S. Pat. Nos. 6,682,907, 7,981,671, 8,093,042, 8,367,068, 8,460,678, 8,512,994 and foreign equivalents. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot disclose information, sell or otherwise transfer this product, its components or materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for any commercial purposes. If the buyer is not willing to accept the limitations of this limited use statement, Takara Bio USA, Inc. is willing to accept return of the product with a full refund. For information on purchasing a license to the DNA-Flap technology for purposes other than research, contact the Transfer of Technology Office, Institut Pasteur, 28 rue du Docteur Roux, 75 724 Paris Cedex 15 (www.pasteur.fr).

TRADEMARKS:

©2018 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: techUS@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

9/28/2018