

iDimerize™ Regulated Transcription Vector Set 2

Contents

Product Information.....	1
Quality Control Data.....	2

Catalog No(s).	Amount	Lot Number
635082 (Not sold separately). Sold as part of 635081.	Each	Specified on product label.

Product Information

The iDimerize Regulated Transcription Vector Set 2 is sold as part of the iDimerize Regulated Transcription System, which allows tightly regulated, inducible expression of your gene of interest by the addition of a small molecule to the cell medium. The set includes a vector that encodes two transcription factor domains, a mammalian expression vector used to express your gene of interest, and a control vector.

Package Contents

- 20 µl pHet-Act1-2 Vector (500 ng/µl)
- 20 µl pZFHD1-2 Vector (500 ng/µl)
- 20 µl pZFHD1-2 Control 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).

Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 Last update: 071612	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.543.6116
---	---------------------------------	------------------------------	-----------------------------

Product Documents

Documents for Clontech products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- iDimerize Regulated Transcription System User Manual
- pHet-Act1-2 Vector Information
- pZFHD1-2 Vector Information
- pZFHD1-2 Control Vector Information

Propagation in *E. coli*

- Recommended host strain: Stellar™ Competent Cells (Cat. No. 636763).
- Selectable marker: pZFHD1-2 and pHet-Act1-2 plasmids confer resistance to kanamycin (50 µg/ml) and ampicillin (100 µg/ml), respectively, 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)
pHet-Act1-2	BglII	8.2 kb
	XhoI, MluI	7.3 & 0.9 kb
pZFHD1-2	BglII	4.0 kb
	AgeI, KpnI	3.6 & 0.4 kb
pZFHD1-2 Control	BglII	5.6 kb
	PacI, StuI	4.1 & 1.5 kb

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

iDimerize™ Regulated Transcription Vector Set 2

CATALOG NO.

635082

NOTICE TO PURCHASER:

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Clontech 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 prior written approval of Clontech Laboratories, Inc.

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

TRADEMARKS:

Clontech, the Clontech logo, and iDimerize are trademarks of Clontech Laboratories, Inc.

All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2012 Clontech Laboratories, Inc. This document has been reviewed and approved by the Clontech Quality Assurance Department.

Clontech Laboratories, Inc.

A Takara Bio Company

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

U.S. Technical Support: tech@clontech.com

7/24/2012

United States/Canada

Asia Pacific

Europe

Japan

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.543.6116