

# Product Components List

## iDimerize™ Inducible Heterodimer System (with Tet-On® 3G)

Catalog No.	Amount
635079	Each

### Description

The iDimerize Inducible Heterodimer System (with Tet-On 3G) lets you control the expression levels and heterodimerization of two different proteins of interest, encoded on a single vector, in live cells. The system includes the iDimerize Inducible Heterodimer Vector Set 2, which contains a mammalian bidirectional expression vector (pTRE3G-BI-Het1) that allows simultaneous, doxycycline-dependent expression of two proteins of interest, tagged with the DmrA and DmrC domains, respectively, in Tet-On 3G transactivator-expressing cells. The activity and localization of the resulting DmrA- and DmrC-tagged proteins is controlled by the addition of the A/C Heterodimerizer.

The iDimerize Inducible Heterodimer System (with Tet-On 3G) includes vectors and linear selection markers, our highly efficient transfection reagent, Xfect™, Tet System Approved FBS, and the A/C Heterodimerizer.

### Package Contents

- iDimerize Inducible Heterodimer Vector Set 2 (Cat. No. 635080; not sold separately) >> [View Components](#)
  - 20 µl pTRE3G-BI-Het1 Vector (500 ng/µl)
  - 20 µl pTRE3G-BI-Luc Control Vector (500 ng/µl)
  - 40 µl Linear Puromycin Marker (50 ng/µl)
  - 40 µl Linear Hygromycin Marker (50 ng/µl)
- pCMV-Tet3G Vector (Cat. No. 631335; not sold separately) >> [View Components](#)
- Xfect Transfection Reagent (Cat. No. 631317) >> [View Components](#)
- Tet System Approved FBS, US-Sourced (Cat. No. 631105) >> Please search our website for your specific lot of FBS at [takarabio.com/manuals](http://takarabio.com/manuals).
- A/C Heterodimerizer (Cat. No. 635057) >> [View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### 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:

- iDimerize Inducible Heterodimer System (with Tet-On 3G) User Manual
- Xfect Transfection Reagent Protocol-At-A-Glance (PT5003-2)
- pTRE3G-BI-Het1 Vector Information
- pTRE3G-BI-Luc Control Vector Information
- pCMV-Tet3G Vector Information

---

#### Takara Bio USA, Inc.

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

U.S. Technical Support: [techUS@takarabio.com](mailto:techUS@takarabio.com)

United States/Canada 800.662.2566 (071417)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
--	---------------------------------	------------------------------	-----------------------------

## Notice to Purchaser

Our 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. 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 prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product's web page at [takarabio.com](http://takarabio.com). It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

**©2017 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. Additional product, intellectual property, and restricted use information is available at [takarabio.com](http://takarabio.com).

This document has been reviewed and approved by the Quality Department.