

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

Catalog No.
635084

Amount
Each

Description

The iDimerize Inducible Homodimer System (with Tet-On 3G) lets you control the expression level and dimerization of a protein of interest in live cells. The system includes the iDimerize Inducible Homodimer Vector Set 2, which contains a mammalian expression vector (pTRE3G-Hom1) that allows doxycycline-dependent expression of your protein of interest, tagged with the DmrB domain, in Tet-On 3G transactivator-expressing cells. Homodimerization of the resulting DmrB-tagged protein is controlled by the addition of the B/B Homodimerizer.

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

Package Contents

- iDimerize Inducible Homodimer Vector Set 2 (Cat. No. 635085; not sold separately) >> [View Components](#)
 - 20 µl pTRE3G-Hom1 Vector (500 ng/µl)
 - 20 µl pTRE3G-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) >> [Search Lot # on our website to download](#)
- B/B Homodimerizer (Cat. No. 635060) >> [View Components](#)

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

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals
The following documents apply to this product:

- iDimerize Inducible Homodimer System (with Tet-On 3G) User Manual
- Xfect Transfection Reagent Protocol-At-A-Glance (PT5003-2)
- pTRE3G-Hom1 Vector Information
- pTRE3G-Luc Control Vector Information
- pCMV-Tet3G Vector Information

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 (091312)
Asia Pacific +1.650.919.7300
Europe +33.(0)1.3904.6880
Japan +81.(0)77.543.6116

Product Components List

Cat. No. 635084

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

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 any applicable licensing requirements 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 such statements.

These products are sold under license from ARIAD Pharmaceuticals, Inc.

Clontech, the Clontech logo, iDimerize, Tet-On, and Xfect 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.