Certificate of Analysis

In the interest of conserving resources, we are no longer shipping manuals with products. Please visit **www.clontech.com/manuals** to obtain an electronic version.

PRODUCT: Tet-Off® Advanced Vector Set

CATALOG No. 631126
(Not sold separately)

LOT NUMBER
Specified on product label

STORAGE CONDITIONS
- Store plasmids at –20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

PLASMID STORAGE BUFFER
10 mM Tris-HCl (pH 8.0)
1 mM EDTA (pH 8.0)

SHELF LIFE
1 year from date of receipt under proper storage conditions

SHIPPING CONDITIONS
Dry ice (–70°C)

DESCRIPTION
The Tet-Off Advanced Vector Set is used to create powerful, tightly regulated, tetracycline-inducible mammalian expression systems that are controlled by the withdrawal of doxycline from the culture medium.

PACKAGE CONTENTS
- 20 µl pTet-Off-Advanced Vector (500 ng/µl)
- 20 µl pTRE-Tight Vector (500 ng/µl)
- 20 µl pTRE-Tight-Luc Vector (500 ng/µl)
- 40 µl Linear Hygromycin Marker (50 ng/µl)

OTHER
- Tet-Off Advanced Inducible Gene Expression System User Manual (PT3945-1)
- pTet-Off-Advanced Vector Information Packet (PT3945-5)
- pTRE-Tight Vector Information Packet (PT3720-5)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

See back of page.

Clontech

United States/Canada
800.662.2566
Asia Pacific
+1.650.919.7300
Europe
+33.(0)1.3904.6880
Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

APPROVED BY: _____

(PA9X3421)

QUALITY CONTROL DATA

Identity and purity

- The identity of each of the following was verified by restriction digestion. Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Plasmid Name	Enzyme	Fragments
pTet-Off-Advanced	EcoRI	7.1 kb
	BamHI	2.6 & 4.5 kb
pTRE-Tight	PvuI	2.6 kb
	XhoI	0.6 & 2.0 kb
pTRE-Tight-Luc	XbaI	4.2 kb
	BamHI & NheI	1.6 & 2.6 kb
Linear Hygromycin Marker	HindIII & XbaI	0.5, 0.6 & 1.1 kb

- A_{260}/A_{280}: 1.8–2.0

Functional Test

- Linear Hygromycin Marker

  HEK 293 cells were transfected with 200 ng Linear Hygromycin Marker using a liposome-mediated transfection method. After 5 hr at 37°C, the transfection solution was removed and the cells were given fresh medium. 48 hr later, the cells were plated in two 10 cm plates. 48 hr after plating, medium containing hygromycin was added to the plates. After 2–3 weeks, >20 clones were identified.

Notice to Purchaser

Tet-Off® Advanced Vector Set

CATALOG NO.

631126

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 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.

STATEMENT 42

Use of the Tetracycline controllable expression systems (the "Tet Technology") is covered by a series of patents including U.S. Patent Nos. 6087166, 6271341, 7541446, 8383364, European Patents: EP 0990030, 1954811, 2050818, 2352833 and corresponding patent claims outside these regions which are proprietary to TET Systems GmbH & Co. KG. Academic research institutions are granted an automatic license with the purchase of this product to use the Tet Technology only for internal, academic research purposes, which license specifically excludes the right to sell, or otherwise transfer, the Tet Technology or its component parts to third parties. Notwithstanding the above, academic and not-for profit research institutions whose research using the Tet Technology is sponsored by for profit organizations, which shall receive ownership to all data and results stemming from the sponsored research, shall need a commercial license agreement from TET Systems in order to use the Tet Technology. In accepting this license, all users acknowledge that the Tet Technology is experimental in nature. TET Systems GmbH & Co. KG makes no warranties, express or implied or of any kind, and hereby disclaims any warranties, representations, or guarantees of any kind as to the Tet Technology, patents, or products. All others are invited to request a license from TET Systems GmbH & Co. KG prior to purchasing these reagents or using them for any purpose. Clontech is required by its licensing agreement to submit a report of all purchasers of the Tet-controllable expression system to TET Systems. For license information, please contact: GSF/CEO TET Systems GmbH & Co. KG, Im Neuenheimer Feld 582 69120 Heidelberg Germany Tel: +49 6221 5880400 Fax: +49 6221 5880404 email: info@tetsystems.com or use the electronic licensing request form via www.tetsystems.com/main_inquiry.htm

TRADEMARKS:

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

10/13/2015

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116

Notice to Purchaser

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

10/13/2015

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116