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PRODUCT: pTRE-Tight-BI-DsRed-Express Vector

CATALOG No. 631065	AMOUNT 20 µg	DESCRIPTION A response plasmid that can be used to express both DsRed Express and a gene of interest from a bidirectional Tet-responsive promoter ($P_{bi-TREmod}$). The promoter consists of a modified Tet-responsive element (TREmod) between two minimal CMV promoters (P_{minCMV}). It is responsive to the tTA and rtTA regulatory proteins in the Tet-Off [®] and Tet-On [®] expression systems respectively.
LOT NUMBER Specified on product label.		
STORAGE CONDITIONS <ul style="list-style-type: none"> • Store all components at -20°C. • Spin briefly to recover contents. • Avoid repeated freeze/thaw cycles. 		CONCENTRATION: 500 ng/µl
STORAGE BUFFER 10 mM Tris-HCl (pH 8.0) 1 mM EDTA (pH 8.0)		PLASMID SIZE: 3.5 kb
SHELF LIFE 1 year from date of receipt under proper storage conditions.		CLONING SITES: AccI, BamHI, ClaI, EagI, EcoRV, HindIII, KpnI, MluI, NheI, NotI, SalI, SmaI
SHIPPING CONDITIONS Blue ice (4°C) or Dry ice (-70°C)		ANTIBIOTIC RESISTANCE Ampicillin (100 µg/ml)
		PACKAGE CONTENTS <ul style="list-style-type: none"> • 20 µg pTRE-Tight-BI-DsRed Express Vector • 20 µg pTRE-Tight-BI-L Vector
		OTHER <ul style="list-style-type: none"> • Vector Information Packet (PT3876-5) • Tet-On Advanced Inducible Gene Expression System User Manual (PT3898-1)
		NOTE: The Tet-Off Advanced User Manual (PT3945-1) is available on the web at www.clontech.com .

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

- Digestion with the indicated restriction enzyme(s) produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Enzyme(s)	Fragment(s)
PvuII	2.5 and 1.0 kb
- Digestion of the pTRE-Tight-BI-L control vector with BamHI and EcoRV produced fragments of 2.8 and 1.7 kb on a 0.8% agarose/EtBr gel.
- A_{260}/A_{280} : 1.8 – 2.0
- Note: Fragment sizes are estimates; the apparent sum of all fragment sizes for a given digest may not equal the actual size of the plasmid.



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pTRE-Tight-BI-DsRed-Express Vector

CATALOG NO.

631065

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STATEMENT 24

The RCFPs (including DsRedExpress, DsRedExpress2, and E2-Crimson) are covered by one or more of the following U.S. Patent Nos. 7,166,444; 7,157,565; 7,217,789; 7,338,784; 7,338,783; 7,537,915; 6,969,597; 7,150,979; 7,442,522 and 8,012,682.

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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

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