

## pTRE-Tight-BI-ZsGreen1 Vector

**Catalog No.**  
631067

**Amount**  
20 µg

**Lot Number**  
Specified on product label.

### Description

A response plasmid that can be used to express both ZsGreen1 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.

### Package Contents

- 20 µg pTRE-Tight-BI-ZsGreen1 Vector
- 20 µg pTRE-Tight-BI-L Vector

### Storage Conditions

- Store all components at  $-20^{\circ}\text{C}$ .
- 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)

### Plasmid Size

- 3.5 kb

### Cloning Sites

- AccI, BamHI, ClaI, EagI, HindIII, KpnI, MluI, NheI, NotI, SalI, SmaI

### Antibiotic Resistance

- Ampicillin (100 µg/ml)

### Concentration

- 500 ng/µl

### Shipping Conditions

- Blue ice ( $4^{\circ}\text{C}$ ) or Dry ice ( $-70^{\circ}\text{C}$ )

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#### Takara Bio USA, Inc.

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## 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:

- Vector Information Packet
- Tet-On Advanced Inducible Gene Expression System User Manual

Note: Our Tet-Off Advanced User Manual is also available on the web.

## Quality Control Data

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

<b>Enzyme(s)</b>	<b>Fragment(s)</b>
PvuII	2.9 and 0.6 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.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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### CATALOG NO.

631067

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### STATEMENT 42

Use of the Tetracycline controllable expression systems (the "Tet Technology") is covered by a series of patents including U.S. Patent # 7541446, # 8383364, # 9181556, European patents EP # 1200607, # 1954811, #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 any 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. Takara Bio USA, Inc. is required by its licensing agreement to submit a report of all purchasers of the Tet-controllable expression system to TET Systems.

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# Notice to Purchaser



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