

**PRODUCT: pTK-Hyg Vector**

**CATALOG NO.** 631750  
**AMOUNT** 10 µg

**LOT NUMBER**  
 Specified on product label.

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

**STORAGE CONDITIONS**

- Store plasmid at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

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

**SHIPPING CONDITIONS**  
 Dry ice (-70°C)

**DESCRIPTION**

Selection vector which confers hygromycin resistance in mammalian cells for the selection of stably transformed cells. This vector does not contain any enhancer elements and therefore is ideal for use in developing double-stable Tet-Off® or Tet-On® cell lines because it prevents the unwanted activation of pTRE- and pBI-derived plasmids upon cointegration into the host cell's genome.

**CONCENTRATION:** 500 ng/µl

**PLASMID SIZE:** 5.1 kb

**ANTIBIOTIC RESISTANCE**

Ampicillin (50 µg/ml) & Hygromycin (200 µg/ml)

**PACKAGE CONTENTS**

1 tube of pTK-Hyg Vector

**PRODUCT USER MANUAL**

User manuals for Clontech products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals). The following user manual applies to this product:

- pTK-Hyg Vector Information Packet (PT3082-5)

**FOR RESEARCH USE ONLY****QUALITY CONTROL DATA**

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Enzyme(s)	Fragment(s)
EcoR I	0.4, 1.0, 1.3, & 2.3 kb

- $A_{260}/A_{280}$ : 1.8 – 2.0



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## pTK-Hyg Vector

**CATALOG NO.**

631750

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

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