

PRODUCT: pLacZ-Control Vector

CATALOG NO. 631709
AMOUNT 20 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

pLacZ-Control is designed to provide a reference for comparing the activities of promoter and enhancer elements that use the *E. coli* β-galactosidase gene (*lacZ*) as a reporter gene. This vector can also be used to normalize transfection efficiencies.

CONCENTRATION: 500 ng/µl

PLASMID SIZE: 7.9 kb

CLONING SITES

Xma I, *Sma* I, *Asp*718 I, *Kpn* I, *Nhe* I, *Xho* I, *Bgl* II

ANTIBIOTIC RESISTANCE

Ampicillin (100 µg/ml for propagation in *E. coli*)

PACKAGE CONTENTS

1 tube of pLacZ-Control Vector

PRODUCT USER MANUAL

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

- pLacZ-Control Vector Information Packet (PT2112-5)

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)
Hae II

Fragment(s)
1.8, 1.6, 1.2, 0.9, 0.5, 0.45 and 0.44 kb (Additional fragments of 370, 294, 123, 100, 75 and 8 bp can not be observed in this assay.)

- A_{260}/A_{280} : 1.8 – 2.0



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pLacZ-Control Vector

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