**PRODUCT:** pIRESbleo3 Vector

**CATALOG NO.** 631622  
**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**  
Blue ice (4°C) or  
Dry ice (-70°C)

**FOR RESEARCH USE ONLY**

**DESCRIPTION**  
The pIRESbleo3 Vector is designed for the efficient production of stable cell lines expressing recombinant proteins in mammalian cells. This vector contains the internal ribosome entry site (IRES) of the encephalomyocarditis virus (ECMV) which permits both the gene of interest and the bleomycin selection marker to be translated from a single mRNA.

**CONCENTRATION:** 500 ng/µl

**PLASMID SIZE:** 4.9 kb

**CLONING SITES**  
EcoR I, Not I, EcoR I, BamH I, BstX I,

**ANTIBIOTIC RESISTANCE**  
Ampicillin (100 µg/ml for propagation in E. coli DH5α)

**PACKAGE CONTENTS**  
1 tube of pIRESbleo3 Vector

**OTHER**  
Vector Information Packet (PT3643-5)

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

<table>
<thead>
<tr>
<th>Enzyme(s)</th>
<th>Fragment(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EcoR I</td>
<td>4.9 kb</td>
</tr>
<tr>
<td>Bgl II</td>
<td>3.0, 1.2 &amp; 0.7 kb</td>
</tr>
</tbody>
</table>

- A$_{260}$/A$_{280}$: 1.8 – 2.0
- The identity of this vector was confirmed by sequencing.

**APPROVED BY:**

**Notice to Purchaser**

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