PRODUCT:  pLXIN Retroviral Vector

CATALOG NO.  AMOUNT
631501  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)

DESCRIPTION
pLXIN is a bicistronic retroviral vector containing an internal ribosome entry site (IRES). The 5’ LTR thus regulates expression of a gene of interest and the neomycin resistance gene on the same bicistronic message.

CONCENTRATION:
500 ng/µl

PLASMID SIZE:
6.1 kb

CLONING SITES
Hpa I, Xho I, BamH I, EcoR I

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

PACKAGE CONTENTS
1 tube of pLXIN Retroviral Vector

OTHER
Vector Information Packet (PT3155-5)

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:

<table>
<thead>
<tr>
<th>Enzyme(s)</th>
<th>Fragment(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BamH I/Nae I</td>
<td>4.8 &amp; 1.2 kb</td>
</tr>
<tr>
<td>Hind III/Kpn I</td>
<td>3.1, 1.5, 1.3, &amp; 0.2 kb</td>
</tr>
</tbody>
</table>

• A₂₆₀/A₂₈₀: 1.8 – 2.0

APPROVED BY: _______________________

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