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PRODUCT: pLXIN Retroviral Vector

<p>CATALOG NO. 631501</p> <p>LOT NUMBER Specified on product label.</p> <p>STORAGE BUFFER 10 mM Tris-HCl (pH 8.0) 1 mM EDTA (pH 8.0)</p> <p>STORAGE CONDITIONS</p> <ul style="list-style-type: none"> • Store plasmid at -20°C. • Spin briefly to recover contents. • Avoid repeated freeze/thaw cycles. <p>SHELF LIFE 1 year from date of receipt under proper storage conditions.</p> <p>SHIPPING CONDITIONS Blue ice (4°C) or dry ice (-70°C)</p>	<p>AMOUNT 20 μg</p> <p>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.</p> <p>CONCENTRATION: 500 ng/μl</p> <p>PLASMID SIZE: 6.1 kb</p> <p>CLONING SITES <i>Hpa</i> I, <i>Xho</i> I, <i>Bam</i>H I, <i>Eco</i>R I</p> <p>ANTIBIOTIC RESISTANCE Ampicillin (100 $\mu\text{g}/\text{ml}$ for propagation in <i>E. coli</i>)</p> <p>PACKAGE CONTENTS 1 tube of pLXIN Retroviral Vector</p> <p>OTHER Vector Information Packet (PT3155-5)</p>
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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)
<i>Bam</i> H I/ <i>Nae</i> I	4.8 & 1.2 kb
<i>Hind</i> III/ <i>Kpn</i> I	3.1, 1.5, 1.3, & 0.2 kb

- A_{260}/A_{280} : 1.8 – 2.0



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